Construction News

RAILWAYS—STEAM AND ELECTRIC

Proposed Work

Pennsylvania—J. I. Johnson, Johnstown, applied to Council, Portage, for franchise to construct electric railway from Portage to Martindale. Noted Sept. 28.

Pennsylvania—M. S. Hershey Chocolate Co., Hershey, made preliminary surveys for railway from Manheim to Hershey through Lebanon County, via Union Sq., Mastersonville, Mt. Gretna, Colebrook, Lawn and Bachmansville. Noted June 29.

Pennsylvania—Lehigh & New England R.R. plans to extend its line from Lansford to Pottsville. R. H. Wilbur, Philadelphia, Gen. Mgr.

Pennsylvania—Pittsburgh & Lake Erie R.R. plans line from point near Connellsville to Darnley, Penn., to West Virginia coal fields. J. A. Atwood, Pittsburgh, Ch. Engr.

Virginia—Norfolk & Western Ry., Roanoke, plans to spend about $3,000,000 for improvements. J. E. Crawford, Roanoke, Ch. Engr.

West Virginia—Pittsburgh, Cincinnati, Chicago & St. Louis Ry. (Pennsylvania Lines West of Pittsburgh, South West System), plans line from Chester, W. Va., to point below Beaver, Penn., about 12 mi. T. Rodd, Pittsburgh, Ch. Engr.

West Virginia—Virginia Railway Co., Norfolk, Va., plans 2 coal extensions into Raleigh County, one 7 mi. and one 9 mi. H. Fernstrom, Norfolk, Ch. Engr.

Georgia—Western & Atlantic R.R., Atlanta, receiving bids Dec. 5 for lease and also for extension of line from Atlanta to seawall, about 250 mi. C. M. Candler, Atlanta, Chn. Comn. Noted Aug. 31.

Louisiana—New Orleans, Texas & Mexico Railway Co. plans line from Erwinville to New Roads, about 4 mi. F. G. Jonah, St. Louis, Mo., Ch. Engr.

Kentucky—Chesapeake & Ohio Ry. does not plan line from Elizabethtown to Lexington, 98 mi., as stated in our issue of Sept. 7. F. I. Cabell, Richmond, Va., Ch. Engr.

Kentucky—(Official)—City of Henderson receiving bids Oct. 17 for franchise to construct railway on various streets. J. W. Johnson, Mayor. (See adv.)

Kentucky—Louisville & Nashville R.R. plans extension up Lotts Creek, near Hazzard, about 15 mi. W. H. Courtenay, Louisville, Ch. Engr.

Ohio—Cleveland, Alliance & Mahoning Valley R.R., Alliance, plans extension to Hudson. F. L. Mowry, Alliance, Gen. Mgr.

Ohio—Cleveland Railway Co., Cleveland, plans line on Lakeside Ave. from Ontario to East 9th St. G. L. Radcliffe, Cleveland, Gen. Mgr.

Illinois—Chicago & Illinois Midland Railway Co., Taylorville, soon receives bids for 3½ mi. single track on main line and 1 mi. side track. W. F. Mackey, Taylorville, Ch. Engr.

Montana—Northern Pacific Ry. made plans for line from Billings to Lake Basin, about 32 mi. W. L. Darling, St. Paul, Minn., Ch. Engr.

Missouri—Atchison, Topeka & Santa Fe Ry. plans to extend its line from Carrollton to St. Louis via Mexico and Keytesville, about 65 mi. C. F. W. Felt, Chicago, Ch. Engr. Noted Mar. 16.

Missouri—J. C. C. Waldeck Electric Ry. applied to Bd. Pub. Utilities, St. Louis, for permission for railway on Montrose Ave. from tracks of Missouri Ry. to plant of Independent Packing Co., Hickory St. and Ewing Ave.

Arkansas—Little Rock Lumber and Manufacturing Co., Little Rock, plans about 6 mi. railway in Ashley County. D. S. Watrous, Little Rock, Secy. and Mgr.

Texas—Surveys being made by Asherton & Gulf Ry. for line from Asherton to Eagle Pass, 52 mi. L. V. Richardson, Asherton, Gen. Mgr. Noted Dec. 9.

Texas—Atchison, Topeka & Santa Fe Ry. plans to extend its line from Ore City, Tex., to Oklahoma coal fields, Oklahoma, via Daingerfield and Mt. Pleasant to connection with Paris & Mt. Pleasant R.R. C. F. W. Felt, Chicago, Ill., Ch. Engr.

Texas—Paris Transit Co., Paris, increased capital stock from $60,000 to $80,000 and will improve and extend street railway system. W. G. Moore, Paris, Gen. Mgr.

Texas—St Louis-Southwestern R.R. plans line from Lufkin to Beaumont, about 100 mi. C. D. Purdon, St. Louis, Ch. Engr.

Oklahoma—Ardmore Railway Co. plans line from Ardmore to Fox oil fields. D. E. Booker, Ardmore, Recdr.

Nevada—Eureka-Nevada Ry. plans line from Gerlach to Surprise Valley, about 100 mi. C. B. Sexton, Palisade, Ch. Engr.

Arizona—Western Pine Lumber and Mill Co. lets contract about first of year for line from Holbrook to White Mountain Lumber Dist., 120 mi. F. H. Bowen, Red Key, Ind., Pres. Noted Sept. 28.

Oregon—Citizens of Prineville voted $100,000 bonds for railway from Prineville to main line of Oregon Trunk R.R., 18 mi. west. Noted Sept. 28.

California—(Press)—Los Verjels Land and Water Co., Marysville, plans electric railway from Bangor to connection with Northern Electric Ry. at Oroville.

California—Pacific Electric Ry. granted franchise by Council, Riverside, to relocate tracks to center line of 14th St. between Main St. and point east of Almond St. J. T. McMillan, Los Angeles, Gen. Mgr.

Alberta—City, Edmonton, plans to spend about $75,000 for extending street railways. C. E. Cox, City Clk.

Bids In and Contracts Awarded

Pennsylvania—Womelsdorf, Richland & Myerstown St. Railway Co. let contract line from Womelsdorf and Myerstown to Richland, 8 mi., to LEBANON VALLEY CONSTRUCTION CO. Noted Aug. 17.

Ohio—Cleveland, Southwestern & Columbus Electric Ry. let contract grading new branch line around Berea to L. F. GOTTE, Berea, about $40,000. Noted Aug. 17.

Ohio—Pennsylvania Lines West of Pittsburgh let contract grading roadbed for 2 additional tracks from main line between Leetonia and Sebring to F. R. JONES CONSTRUCTION CO., Chicago. About $800,000 or $1,000,000. Noted Apr. 6.

LIGHT, HEAT AND POWER

Proposed Work

Mass., Lunenburg—Town plans extension of electric-lighting system to Goodrichville, Mulpus and Flat Hill. A. A. Coop, Comr.

Conn., New Haven—Connecticut Co. granted permit, 2-story, 78x148-ft. power house on Grand Ave. About $250,000.

N. Y., Dannemora—(Official)—J. M. Carter, Supt. Prisons, Capitol, Albany, receiving bids Oct. 18 for engine and generator for Dannemora State Hospital. (See adv.)

N. Y., Eden—Niagara & Lake Erie Power Co., Fredonia, petitioned Pub. Ser. Comn. for permission to extend transmission line to Eden and install system.

N. Y., Middletown—Orange County Lighting Co. to install lighting system on North St. H. A. Cox, Middletown, Engr. Power Station.

N. Y., Port Henry—Port Henry Light, Heat and Power Co. has increased its capital stock and will make improvements to its system.

N. J., Belleville—Kent Motors Co. plans power plant in connection with manufacturing plant in Hillside Sect. Marvin & Davis, 303 5th Ave., New York, Arch.

N. J., Boonton—Boonton Electric Co. to issue $20,000 bonds for proposed extensions.

N. J., Newark—German Hospital plans power house on Bank St.

N. J., Newton—Town plans appropriation of $8,000 for installing electric-light system.

Penn., Erie—Erie Lighting Co. making plans for substation. Day & Zimmerman, Philadelpiha, Engr.

Fla., Vero—N. J. Norman, St. George, Ga., interested in installation of electric-light plant in Vero.

Ky., Lancaster—Bastin Bros. plan installation of power plant.

Ill., Germantown—City making plans for electric-light plant. V. J. Kluthe, 915 Olive St., St. Louis, Mo., Arch.

Ill., Rockford—D. H. Maury, Engr., Chicago, in report to Council, recommends installation of electric-light plant and system. About $425,000.

Wis., Clyman—Wisconsin Gas and Electric Co., Kenosha, plans extending transmission line to Clyman.

Minn., Gary—Village granted franchise to J. F. Heiberg, to install electric-lighting system.

Minn., Goodridge—Village plans to install electric-light system.

Minn., Granada—Council plans electric-light system.

Minn., Hoffman—City voted $10,000 bonds for municipal electric-lighting system and plant.

Minn., Lancaster—City plans electric-light system.

Minn., Mazeppa—City voted $8,000 bonds for electric-light and power plant.

Kan., Huron—Bonds sold for installation of electric-light system.

N. D., Medina—E. P. Olson interested in installation of electric-light plant.

Mont., Melstone—City Council soon receives bids for electric-light plant.

Tex., Atlanta—Atlanta Electric and Ice Co. to rebuild plant recently destroyed by fire. About $40,000.

Tex., Burnet—W. C. Galloway plans electric-light plant.

Arizona, Tucson—City to vote in December on $200,000 bonds for improving light and water systems.

Wash., South Cle Elum—Bonds for $5,000 voted for installation of electric-light system.

Que., Beauharnois—Howard Smith Paper Co. making plans for addition to power plant. R. S. Kelsch, Power Bldg., Montreal, Arch.

Bids In and Contracts Awarded

Mass., Haverhill—Haverhill Box and Board Co. let contract power house to B. H. HIBBARD CO.

Ill., Oregon—Northern Illinois Utilities Co. let contract concrete dam to W. J. McALPINE, Dixon. About $80,000.

Calif., Berkeley—University of California let contract power plant to C. C. MOORE & CO., San Francisco, $49,589.

BRIDGES

Proposed Work

Mass., Lawrence—(Official)—Lawrence Bridge Comn., office of J. J. Donovan, Rooms 507-508 Bay State Bldg., receiving bids Oct. 21 for waterproofing and protection of approximately 70,000 sq.ft. of the surface of Central Bridge over Merrimack River. B. H. Davis, Whitehall Bldg., 17 Battery Pl., New York, Consult. Engr. (See adv. Oct. 5 issue.)

N. Y., North Tonowanda—(Official)—State Highway Comn., Albany, did not make plans for bridge over Tonowanda Creek to be built jointly by state and New York Central R.R. Noted Sept. 28.

N. J., Jersey City—Bd. Comrs. receiving bids Oct. 17 for lift bridge and approach over Morris Canal at foot of Yale St. C. A Van Keuren, City Engr.

N. J., Newark—City rejected bids for steel bridge over tracks of Central R.R. of New Jersey on Port St. New bids. About $70,000. M. R. Sherrard, City Engr. Noted Oct. 5.

N. J., South Orange—Lehigh Valley R.R. plans bridge on Boyden Ave. E. B. Ashby, 143 Liberty St., New York, Ch. Engr.

Penn., Enhaut—Philadelphia & Reading R.R. applied to Swatara Township Comrs. for permission to build rein.-con. bridge across Rutherford subway. S. T. Wagner, Philadelphia, Ch. Engr.

Penn., Reading—City plans bridge over tracks of Lebanon Valley R.R. on Tulpehocken St. E. Ulrich, City Engr.

Va., Chesterfield—(Official)—State Highway Comn., Richmond, receiving bids Oct. 17 for rein.-con. bridge over Falling Creek. R. T. Sunday Co., 2 North 11th St., Richmond, Engr.

W. Va., Boaz—Kanawha Traction and Electric Co. plans viaduct at Boaz. P. P. Crafts, Parkersburg, Gen. Mgr.

N. C., Asheville—Buncombe County receiving bids Oct. 25 for concrete bridge over French Broad River at foot of West Hayward St.; also 3 steel bridges over French Broad River at Alexander, Pearsons Dr. and to replace Long Shoals Bridges. Address County Clk., Asheville.

Ga., Eatonton—County Comrs. receiving bids Oct. 17 for steel bridge over Indian Creek near Eatonton. C. B. Alford, Eatonton, Chn.

Fla., Crestview—City made plans for bridge about one-half mile long over Shoal River at Millage Cox Plance crossing, about $500,000.

Fla., Tampa—See item under "Streets and Roads."

Miss., Lucedale—Georgia County voted $90,000 bonds for bridges and roads. Address County Clk., Lucedale.

Ohio, Cleveland—Cuyahoga County receiving bids Oct. 18 for bridge work per report No. 3943. W. A. Stinchcomb, County Surv.

Ohio, Cleveland—City plans to repair West 3rd St. Bridge, about $30,000. R. Hoffman, City Engr.

Ind., Ft. Wayne—City making plans for State St. Bridge, about $65,000. F. M. Randall, City Engr. Noted Sept. 28.

Ill., Bloomington—(Official)—McLean County receiving bids Oct. 14 for 4 bridges in Yates Township. R. O. Edwards, Room 312, Court House, County Supt. Highways. Noted Sept. 7.

Bridges (Continued)

Ill., Kankakee—Kankakee County plans to repair West Station St. Bridge over Kankakee River. About $10,000. Address County Clk., Kankakee.

Ill., Wilmington—(Official)—Grundy County receiving bids Oct. 14 for steel bridge in Greenfield Township, about $8,730. F. W. Stine, Morris, County Supt. Highways.

Iowa, Clarinda—Page County soon receives bids for bridge over West Nodaway River, two 75-ft. spans, one 100-ft. span and 24-ft. roadway, about $25,000. C. W. Duke, Clarinda, County Audr. Noted July 20.

Minn., Minneapolis—See item under "Streets and Roads."

Minn., Owatonna—City plans election in November to vote on $20,000 bonds for bridge over Straight River at Bridge St.

S. D., Mitchell—Davidson County receiving bids Jan. 1 for 16 small and 2 large bridges, about $20,000. J. M. Crampton, Mitchell, Audr. Noted Oct. 5.

Mo., Carrollton—Carroll County election Nov. 7 to vote on $100,000 bridge bonds. Address County Clk., Carrollton.

Ark., Pine Bluff—County plans steel bridge on new road to free bridge. C. M. Philpot, Pine Bluff, County Judge.

Tex., Orange—County Comrs. plans election to vote on bonds for bridge across Sabine River at foot of Green St. Address County Clk., Orange.

Okla., Freedom—County plans election to vote on $24,000 bonds for bridge work in O'Bryan, Penn and Paterson Townships. Address Clk., Freedom.

Okla., Okmulgee—City Comm. plans bridge over Okmulgee Creek.

Okla., Tulsa—City and Tulsa St. Railway Co. plans to repair Third St. Viaduct, about $6,071. E. C. Hughes, City Engr.

Okla., Wetumka—Property owners voted $33,000 bonds for roads and bridges.

N. Mex., Chaperito—San Miguel County soon receives bids for steel bridge over Gallinas River at Chaperito. Address Clk., Las Vegas.

N. M., Santa Rosa—County receiving bids Oct. 23 for 2 steel bridges, 1 across Truchers Creek at Ft. Sumner and 1 across Pecos Creek at Delia. Address County Clk., Santa Rosa.

N. M., Socorro—(Official)—Bd. Comrs. Socorro County receiving bids Oct. 16 for 75-ft. steel bridge with 84-ft. pile trestle approach on one and 63-ft. pile trestle approach on other end over San Francisco River near Reserve. E. L. Fortune, Socorro, Clk. Noted May 18.

Wash., Seattle—King County soon receives bids for steel bridge over Green River at Horton's Ranch, about $10,000. Address County Clk., Seattle.

Wash., Spokane—City receiving bids Oct. 19 for concrete bridge over Spokane River on Post St., about $35,000. M. Macartney, City Engr. Noted Aug. 2.

Calif., Barstow—(Official)—San Bernardino County receiving bids Oct. 23 for repairing and enlarging bridge over Mojave River at Barstow, also for system of pile protection work. About $8,500. Address Clk., San Bernardino.

Calif., Bonsall—(Official)—San Diego County receiving bids Oct. 16 for bridge over Moosa Creek near Bonsall. J. T. Butler, San Diego, County Clk.

Calif., Oroville—County receiving bids Oct. 16 for bridge on Palm Ave. C. F. Belding, Oroville, Clk.

Calif., San Diego—(Official)—San Diego County receiving bids Oct. 16 for pile trestle approach to bridge over Sweetwater River on county road from Dehesa to Descanso, also alternate bids for 100-ft. extension of present type of structure. J. T. Butler, San Diego, County Clk.

Ont., Etobicoke—Town plans bridge to connect Baker Ave. with Concession. A. S. Barratt, Islington, Clk.

Ont., Scarboro—Council plans to replace Smith's Bridge on Fifth Concession south of Unionville with concrete structure. W. D. Annis, Scarboro, Clk.

Ont., Toronto—Bd. Control granted permission to Gutta Percha and Rubber Co., Ltd., for bridge across West Lodge Ave.

Ont., Wellington—Wellington County making plans for bridge, about $35,000. F. McArthur, Guelph, Engr.

Bids In and Contracts Awarded

Conn., Hartford—State Highway Comm. let contract bridge work in Plymouth Township to H. S. OSBORN, about $5,000.

Penn., Bryn Athyn—Philadelphia & Reading Ry. let contract bridge for Philadelphia, Newtown & New York R.R. to J. E. BRENNEMAN CO. for substructure; McCLINTIC-MARSHALL CO. for superstructure and B. FOSTER CO. for waterproofing.

Penn., Greensburg—City let contract steel bridge to R. GALARDI, Connellsville, about $9,000.

Penn., Johnstown—City let contract bridge over Soloman Run at Jacoby St. to E. ARTHUR JAMES, Johnstown.

Penn., Philadelphia—City received low bid bridge over tracks of Pennsylvania R.R. on 5th St. from W. A. Mundy; on 40th St., M. & J. B. McHugh. C. Albright, City Engr.

Penn., Uniontown—County let contract bridge over Brown River to BROOK & CORNISH.

Va., Bowling Green—(Official)—Caroline and Hanover Counties rejected bids for bridge over Pamunkey River. Noted Sept. 21.

N. C., Gastonia—(Official)—Gaston County let contract 2 steel highway bridges over South Fork River to VIRGINIA BRIDGE AND IRON CO., Roanoke, about $7,997. Noted Sept. 28.

Ga., Atlanta—Fulton County let contract new approaches and abutments to Garrett's Bridge over Chattahoochee River connecting Fulton and Cobb Counties to AUSTIN BROS., 156 Greenwood Ave., about $11,890.

Fla., Clearwater—Clearwater Island Bridge Co. let contract 9,000 ft. bridge over Clearwater Bay to E. W. PARKER, Tampa. Noted Sept. 28.

Fla., Deerfield—(Official)—City let contract steel highway bridge to J. FRITZ & SON, Dania, about $4,850. Noted Sept. 14.

Fla., Hallendale—(Official)—City let contract steel highway bridge to J. FRITZ & SON, Dania, about $1,940. Noted Sept. 14.

Ky., Ludlow—City let contract viaduct on Elm St. to BUTLER & TYLER CO., Louisville, about $25,751. Noted Aug. 31.

Ohio, Delphos—Allen County let contract Mullen Bridge, Marion Township, to J. F. WHIRRET & CO.

Ind., Monticello—(Official)—County let contract bridge to O. E. SHAFER, Royal Center. Noted July 20.

Ind., Shelby—Cleveland County let contract 3 bridges to AUSTIN BROS., Dallas, about $39,800.

Ill., Canton—Fulton County let contract bridge in Union Township to ILLINOIS BRIDGE CO., about $9,690. Noted July 13.

Ill., New Canton—(Official)—State Highway Comm. let contract bridge in Pike County to G. GRIFFITHS, JR., 428 Odd Fellows Bldg., St. Louis, $9,343.

Ill., Taylorville—(Official)—Christian County let contract Cemetery Bridge, Bear Creek Township, to DECATUR BRIDGE CO., Decatur, about $11,600.

Ill., Vandalia—Fayette and Montgomery County let contract county line bridge work to C. F. SMITH, Vandalia.

Kan., Neodesha—Wilson County let contract bridge over Verdigris River to WESTERN BRIDGE CO., Harrisonville, Mo., about $7,744. Noted Sept. 7.

Mo., Kansas City—City let contract culvert on 51st St. near Indiana Ave. to M. WALSH, $5,526. Noted Oct. 5.

Mo., Kansas City—City let contract bridge over Wyandotte St. on 31st St. to M. CARROLL CO., $11,363. Noted Oct. 5.

Mo., Kansas City—City let contract bridge over McGee St. Trafficway on 26th St. to FOX-REDPATH CONSTRUCTION CO., $13,132. Noted Oct. 5.

Mo., Kansas City—City let contract arch bridge over Brush Creek on Troost Ave., to FOX-REDPATH CONSTRUCTION CO., $16,676. Noted Oct. 5.

Ariz., Tucson—El Paso Bridge Co., at $17,727, low bidder Oracle Bridge over Rillito River.

Tex., Corpus Christi—Nueces County Comrs. let contract causeway across Nueces Bay to TERRELL BARTLET, San Antonio. About $31,500. Noted Sept. 28.

Tex., Dallas—City let contract earth approaches to Commerce St. Viaduct to D. R. MOBERLY, about $6,000.

Okla., Cordell—County let contract bridge work to BOARDMAN CO., Oklahoma City.

Okla., Crescent—County let contract Crescent Bridge to CANTON BRIDGE CO., Canton.

Okla., Davis—County let contract bridge over Washita River to MIDLAND BRIDGE CO.

Ariz., Tucson—Pima County let contract 3 bridges to MIDLAND CONSTRUCTION CO., Kansas City, Mo., about $24,700.

Ore., Portland—(Official)—Multnomah County let contract viaduct No. 7 on St. Helen's Rd. to PALMER-ELLISON CONSTRUCTION CO., Henry Bldg., $5,600. Noted Sept. 14.

Calif., Beaumont—City let contract bridge over tracks of Southern Pacific Ry. to KLUSSMAN & ELSEA, Cucamonga, about $5,003.

Ont., Chatham—Council let contract 3 rein.-con. bridges to SARNIA BRIDGE CO., Sarnia, and 2 bridges to WILLIAM STRANGE, Turnerville.

WATER-WORKS

Proposed Work

N. Y., Elmira—(Official)—Water Bd. receiving bids Oct. 17 for electrically driven centrifugal pump having capacity of 7,500,000 gal. per day. H. M. Beardsley, Gen. Mgr. Noted Sept. 28.

N. Y., Newark—(Official)—A. W. Beaven, Pres. Bd. Mgrs. State Custodial Asylum for Feeble-Minded Women, receiving bids Oct. 18 for elevated water tank. L. F. Pilcher, Capitol, Albany, State Arch. (See adv.)

N. Y., Rochester—City plans to extend water mains in Ella St. B. C. Little, Supt.

Penn., Harrisburg—City plans 35,000,000-gal reservoir in Reservoir Park. H. E. Bowman, Supt Pub. Safety.

Penn., Phillipsburg—(Official)—Citizens Water Co. receiving bids Oct. 23 for dam and impounding reservoir, about 3,000 cu.yd. excavation, 7,000 cu.yd. embankment, 150,000 sq.yd. stripping, 1,400 lin.ft. 20- and 16-in. pipe, 650 cu.yd. concrete and 15 tons steel and iron. M. Knowles, 2541 Oliver Bldg., Pittsburgh, Consult. Engr. Noted Oct. 5. (See adv. Oct. 5 issue.)

Ga., Winchester—City voted $45,000 water and sewer bonds.

Tenn., Benton—City election Oct. 28 to vote on $10,000 bonds for water and sewer systems. Noted Sept. 28.

Tenn., Copperhill—See item under "Sewers."

Ohio, Alliance—City making plans for pumping station and clear water basin. Chester & Fleming, Pittsburgh, Engr. Noted Oct. 5.

Ohio, Lorain—City plans $50,000 bond issue for improving water system.

Ohio, Mt. Vernon—Council authorized $15,000 bond issue for meter system. G. Pickard, Supt.

Ohio, Zanesville—City plans water system.

Ind., Argos—City plans to install 2,500 ft. of 4-ft. and 1,000 ft. of 2-ft. water pipe line. C. E. Vandorn, Supt.

Mich., Bay City—(Official)—City retained Burns & McDonnell, Consult. Engr., Interstate Bldg., Kansas City, Mo., to prepare plans, estimates and report on consolidating East and West Side water plants, procuring of new supply by extension of intake to Saginaw Bay and designing new modern filter system of approximately 22,000,000 gal. capacity. About $1,000,000. E. L. Dunbar, Supt.

Mich., Flint—City receiving bids Oct. 17 for excavating for filter plant. Noted Sept. 14.

Mich., Holland—City making plans for 1,000,000-gal. reservoir. R. B. Champion, Supt. G. S. Williams, Ann Arbor, Engr.

Mich., Otsego—City voted $30,000 water-works bonds.

Ill., Gaylord—Citizens voted $15,000 water-works bond.

Wis., Castlewood—Citizens voted $20,000 water bonds.

Wis., Wausau—Wisconsin Inspection Bureau recommended that city install pumping unit of 3,000,000 gal. capacity or reservoir of 25,000,000 gal. capacity. H. Gross, Supt.

Minn., Duluth—City made plans for water main in East 4th St., about $25,119. E. W. Kelly, Duluth, Engr. Water and Light Dept. Noted July 20.

Minn., Minneapolis—K. E. Alexander, City Pur. Agt., receiving bids Oct. 23 for 30,000,000-gal. motor driven centrifugal pump for water-works.

Kan., La Crosse—City plans water system.

Kan., Moran—City sold $30,000 water-works bonds. Noted Sept. 28.

Neb., Havelock—City plans to extend water mains in East Havelock. H. H. Gregg, Havelock, Supt.

N. D., Castlewood—Citizens voted $20,000 water bonds.

Wyo., Pine Bluffs—Citizens voted $8,000 water bonds. K. Gardner, Supt.

Mo., Carrollton—Water, Light and Transit Co. making plans for 400,000-gal. filter system. H. W. Graham, Supt.

Mo., St. Louis—Bd. Pub. Wks. made plans for improving water system.

Ark., Magnolia—W. Gantt interested in organization of company which plans to install water system in Magnolia. About $10,000.

Ark., Walnut Ridge—City making plans for water system. W. G. Johnson, Act. Recdr. Noted June 22.

Tex., Dallas—Flippen-Prather Realty Co. plans to extend water-works.

Tex., Higgins—(Official)—City making plans for water-works, about $20,000. H. E. Elrod, Interurban Bldg., Dallas, Engr.

Tex., Leonard—Citizens voted $8,000 water bonds. Noted Sept. 7.

Tex., Merrypeal—Citizens voted $7,000 water bonds.

Tex., Port Arthur—City plans $175,000 bond issue for improving water and sewer systems. D. K. Miller, Supt.

Tex., Tioga—City plans to improve water system.

Tex., Weimer—City plans to issue $15,000 water bonds. Noted July 20.

Okla., Arnett—City plans election to vote on $65,000 water bonds.

Okla., Beggs—City election soon to vote on bonds for water system. Noted Sept. 21.

Okla., Enid—City election Nov. 7 to vote on $50,000 bonds for water system. F. W. Brooks, Supt. Noted Aug. 17.

Okla., Marlow—City plans expenditure of $50,000 for improving water system. L. A. Ponchett, Supt. Noted Sept. 14.

Okla., Wilburton—City making preliminary surveys for water system. McIntosh-Walton Engineering Co., Oklahoma, Engr.

Idaho, Pocatello—(Official)—City receiving bids Oct. 17 for 25,000-ft. 12-in. woodstave pipe line from Pocatello to Gibson Jack Creek. E. S.

Water-Works (Continued)

Anderson, Pocatello, Consult. Engr. (Noted Sept. 28. (See adv. Oct. 5 issue.)

Wash., Leavenworth—City plans auxiliary water system. G. A. Burgett, Supt.

Ore., Albany—A. L. Porter, Albany, applied to State Engineering Dept. for permission to appropriate 3 second feet of water from Roaring Creek to supply Linn County with pure water by means of a pipe line 23 mi. long. About $226,000.

Ore., Condon—Balfour-Guthrie Cement Co. plans reservoir and pipe line. W. R. Cook, Mayor.

Ore., Richland—City election soon to vote on bonds for water system.

Calif., Alhambra—City plans to acquire or build water-works and sewage-disposal plant, $324,000 water bonds and $13,000 sewer bonds having been sold Oct. 2. W. F. Goble, Supt.

Calif., Coalinga—City making plans for water-works. F. G. Dessery, Los Angeles, Engr. Noted Sept. 14.

Calif., Lordsburg—Claremont Co-operative Water Co. plans reservoir. E. W. Browning, Mgr.

Calif., Los Angeles—City voted $200,000 water bonds. H. Hamlin, City Engr. Noted Aug. 24.

Ont., Hamilton—City making plans for water system, about $300,000. E. R. Grey and J. Bain, Hamilton, Engr.

Ont., Islington—City making plans for water system.

Bids In and Contracts Awarded

Penn., Philadelphia—Dravo-Doyle Co., at $75,120, for 35,000,000 gal. pump at Lardners Point on Delaware River and $73,420, for 25,000,000-gal. pump at Queens Lane Station on Schuylkill River only bidder received by Dept. Pub. Wks. Noted Sept. 28.

Ohio, Cleveland—City let contract water mains to East 132d St., Kemper and Haddon Rd., North and South Moreland Blvd and Gomers Ave., to J. CONNELLY CONSTRUCTION CO., Leader-News Bldg., Cleveland, $10,649. Noted Sept. 14.

Ohio, Lima—City let contract addition to pumping station to M. J. KELLEY.

Ill., Galesburg—City let contract water mains on Jefferson, North Cherry, South Pearl and West First St. to EVANSTON CONSTRUCTION CO. Noted Sept. 7.

Wis., Fond du Lac—Bd. Pub. Wks. let contract 13,000-ft. c.-i. water main to A. CHRISTIANSEN, Fond du Lac. Noted Sept. 21.

Iowa, Corning—City let contract reservoir to E. T. ARCHER & CO., Kansas City, Mo. Noted Sept. 28.

Minn., Eveleth—City let contract water mains and sewer pipe to LAWRENCE-McCANN CO., about $7,365.

Minn., Gilbert—City let contract water main to LAWRENCE-McCANN CO., Eveleth, about $9,000.

N. D., New England—City let contract water system to SECURITY BRIDGE CO., 36th and Hiawatha St., Minneapolis.

Okla., Woodward—(Official)—City to spend $12,500 for improving water system by day labor. F. H. Kilburn, Supt. Noted Sept. 21.

Ont., New Toronto—Town let contract mechanical filters to AMERICAN WATER SOFTENER CO., Philadelphia, Penn.

SEWERS

Proposed Work

Mass., Haverhill—L. C. Lawton, City Engr., recommended surface water drain, about $15,000.

Conn., Derby—City and New York, New Haven & Hartford R.R. approved plans for Water St. sewer system. V. B. Clark, City Engr.

N. Y., Albany—City passed ordinance for sewers in portions Bertha, Marshall, Corlaer St. and Hoffman and First Ave. F. R. Lanagan, City Engr.

N. Y., New York—(Brooklyn)—L. H. Pounds, Borough Pres., Room 2, Borough Hall, receiving bids Oct. 18 for sewers in 16th, 15th and 5th Ave. and 64th, 63d and Newport St.

N. Y., New York—(Queens)—M. E. Connolly, Borough Pres., Borough Hall, 5th St. and Jackson Ave., Long Island City, receiving bids Oct. 20 for sewers and appurtenances in portions Rust, Flushing, California and Forest Ave., Second Ward; Lawson Pl. and California and Linden Ave., Third Ward; Syoset and Beaufort Ave. and Emerson St., Fourth Ward.

N. Y., Rochester—City plans sanitary sewer in Highland Ave. About $4,500. F. T. Elwood, City Engr.

N. J., Camden—City receiving bids Oct. 16 for brick sewer in portion Mulford St. L. E. Farnham, City Engr.

N. J., Passaic—Union Township Comrs. passed ordinance for sewer system. C. R. Wise, City Engr.

N. J., Paterson—Bd. Pub. Wks. plans sewers in Lly, Grove, East 23d, East 27th and East 28th St. and Hamburg and Michigan Ave. H. G. Hardes, City Engr.

N. J., Union—(Official)—Union Township Comrs., Bergen County, receiving bids Oct. 27 for sewers and disposal plant. John F. Woods, Odd Fellows' Hall, 505 Valley Brook Ave., Lyndhurst, Township Clk. F. Bowe, East Rutherford, Civil Engr. (See adv.)

Penn., Clarion—Borough retained Chester & Fleming, Engr., Pittsburgh, to make plans for sewer system.

Penn., Donora—City plans sewers in McRae and Modisetta Ave. E. J. Frams, City Engr.

Penn., Dravosburg—City soon receives bids for sanitary and storm sewer in Washington, 5th, Ash and 7th St., about $7,000. R. C. Payne, McKeesport, Engr.

Penn., Erie—City plans sewage system and disposal plant. G. Lynch, City Engr.

Penn., Portage—City plans to extend sewer system.

Penn., Reading—City making plans for sewer system and disposal plant at Municipal Hospital. Mebus & Albright, Land Title Bldg., Philadelphia, Engr.

Penn., Youngville—City approved preliminary plans for disposal plant. C. C. Hill, North East, Engr.

W. Va., Huntington—City soon receives bids for storm sewer system on south side. About $10,000. J. H. Sanborn, Asst. City Engr.

S. C., Spartenburg—City making preliminary plans for extending sewer system. R. Lull, City Engr.

Ga., Atlanta—City appropriated $7,500 for extending Highland Ave. Sewer. H. N. Hurt, City Engr.

Ga., Winchester—See item under "Water-Works."

Tenn., Benton—See item under "Water-Works."

Tenn., Copperhill—(Official)—City receiving bids Oct. 18 for water and sewer systems. W. G. Kirkpatrick, 794 Farley Bldg., Birmingham, Ala., Engr. Noted Sept. 7.

Ohio, Bucyrus—City plans sanitary and storm sewer in Medlawn Addition. M. J. Lutz, Dir. Pub. Ser. F. L. Neiderheiser, Engr.

Ohio, Cincinnati—City passed ordinance for sewers in portion Jenifer Court. F. Krug, City Engr.

Ohio, Lorain—Council voted to build sewers in West 20th and 23d St. and storm sewers in Charleston, Tacoma and Denver Ave. and C St. C. M. Osborne, City Engr.

Ohio, Marion—City to vote in November for $218,000 bonds for sewer in West Center St. H. H. Noyes, City Engr.

Ohio, Massillon—City plans sewer in North Grant St. H. McYost, City Engr.

Ohio, Sandusky—City plans sewers in Ging St. A. F. Johnston, City Engr.

Ind., Indianapolis—City receives bids about Oct. 15 or Nov. 1 for 2 mi. sewer in West 10th St., about $125,000. B. J. T. Jeup, City Engr.

Ind., Indianapolis—City making plans for sewer in Brightwood Ave., about $150,000. B. J. T. Jeup, City Engr.

Ind., Indianapolis—City plans sewer in portion Main St. About $250,000. J. T. Jeup, City Engr.

Ind., South Bend—City plans sewer in portion Foster St. F. J. Anderson, City Engr.

Ind., South Bend—City plans sewer in portion McPherson St. F. J. Anderson, City Engr.

Mich., Grand Rapids—Plans made for sewer in portion Pearl St. About $9,000. W. S. Moore, City Engr.

Mich., Pontiac—City plans sewage disposal plant. W. J. Fisher, City Engr.

Ill., Elgin—City plans to extend sewer system, about $20,000. M. H. Brightman, City Engr.

Wis., Appleton—City receiving bids Oct. 18 for sewers in Spring St. E. L. Williams, City Clk. A. C. Remley, City Engr.

Wis., Burlington—City making plans for storm sewer in Wilmette Ave. and Frederick St., about $11,500. J. P. Hurtgen, Engr.

Wis., Fond du Lac—City receiving bids Oct. 18 for sewer in Spring St. E. L. Williams, City Clk.

Iowa, Conrad—City plans sewers.

Iowa, Manchester—City receiving bids Oct. 16 for sanitary sewers. L. B. Matthews, City Mgr.

Minn., Eveleth—See item under "Water-Works."

Kan., Garden City—City making plans for sewer system, about $45,000. Ruckel Engineering Co., Hutchinson, Engr.

Neb., Oxford—City voted bonds for sewer system. Noted July 20.

Neb., Red Cloud—City election Oct. 17 to vote on $20,000 sewer bonds. Grant & Fulton, Bankers' Life Bldg., Lincoln, Neb., Engr.

N. D., Fargo—City soon lets contracts for sewers, about $300,000. F. L. Anders, City Engr. Noted Sept. 14.

Wyo., Cheyenne—City soon votes on bonds for storm-sewer system. R. D. Goodrich, City Engr.

Mo., Higginsville—City voted $22,000 bonds for sewer system and disposal plant. Burns & McDonnell, Interstate Bldg., Kansas City, Engr. Noted Sept. 28.

Tex., Cisco—City voted $20,000 bonds for sewer system. Noted Sept. 28.

Tex., Palestine—City soon to vote on sewer bonds. A. L. Myers, City Engr. Noted Mar. 9.

Tex., Port Arthur—See item under "Water-Works."

Utah, Salt Lake City—City receiving bids Oct. 17 for sewer extension No. 368 in 21st St., S. G. Snow, City Recdr. S. Q. Cannon, City Engr.

Ariz., Flagstaff—City plans to vote on bonds for extending sewer system. O. M. John, Mayor.

Wash., Spokane—City Council plans sewer in portion 32d St. M. Macartney, City Engr.

Ore., Astoria—Council plans sewage and draining system in Dist. No. 2. G. T. McCrean, City Engr.

Calif., Alhambra—See item under "Water-Works."

Ont., Belleville—City Council plans sewers in portion North Front and Moira St. Bids soon to be received. J. W. Evans, City Engr.

Ont., St. Thomas—Bd. Pub. Wks. making plans for storm sewers. M. Ferguson, City Engr.

Ont., Stratford—Bd. Pub. Wks. recommended sanitary sewer in St. Vincent St. A. B. Manson, City Engr.

Bids In and Contracts Awarded

Mass., Needham—Metropolitan Water and Sewerage Bd. let contract concrete sewer, Sect. 102 of High Level Sewer, Wellesley Extension, to BRUNO & PETITTI, 18 Tremont St., Boston, $62,042. Noted Sept. 21.

N. J., Camden—City let contract sewers portions 10th and Clair St. to B. F. SWEETEN & SON, 111 North Delaware Ave.

N. J., Pitman—City let contract sewage-disposal plants to J. E. BUNTING CO., Flushing, N. Y., $33,472; sewers to MARTIN, MILLER & PIZZIMENTI, Caldwell, $67,498.

Penn., Langeloth—American Zinc and Chemical Co. let contract sewage-disposal plant to WILKEY & BAKER, Uniontown, about $25,000.

Penn., Pittston—City let contract trunk sewer to O'BRIEN BROS., Avoca, about $78,000.

Penn., Steelton—Borough Council let contract storm sewers to G. W. ENSIGN, INC., Harrisburg, $64,748.

Ala., Birmingham—City let contract sewers to A. C. BROOKS, Birmingham, $12,000. J. Kendrick, City Engr.

Ala., Piedmont—City let contract sewer system to J. B. McCRARY & CO., Atlanta, Ga., $20,000. Noted Aug. 17.

Ky., Lexington—City let contract sewers in Bridge, Water and Poplar St. to J. R. POINDEXTER & SON, Lexington.

Ohio, Canton—City let contract sewer in Dartmouth Ave. to WISE BROS., about $5,488. Noted Sept. 14.

Ohio, Cleveland Heights (Warrensville post office)—Village let contract storm and sanitary sewer to J. W. CHAPMAN, 1653 Ridgefield Rd.

Ohio, Lorain—City let contract sewers in Carolina Ave., East 35th St. and Toledo Ave. to T. TRIFOLLETTI, $4,178. Noted June 22.

Ohio, Mt. Gilead—City let contract west end sewer system and disposal plant to T. F. HURLEY, Marion, $7,101. Noted Aug. 10.

Ohio, Piqua—City let contract Joseph Small storm sewer to C. F. SMITH & SON, Dayton; South St. sanitary sewer to J. M. HENNESSEY & BRO., Piqua; Covington Ave. storm and sanitary sewer to BOYD & COOK, Dayton. Noted May 25.

Ohio, Portsmouth—Whitaker-Glessner Co. let contract rein.-con. sewer from Spillway to Ohio River to DRAVO CONSTRUCTION CO., Pittsburgh, about $100,000.

Ohio, Toledo—Lucas County let contract Main Sewer No. 19 to E. H. CLOSE CO., 513 Madison Ave., about $31,500.

Ohio, Xenia—City let contract storm sewers to ANDREWS ASPHALT PAVING CO., Hamilton.

Ind., Mishawaka—Br. Pub. Wks. let contract sewers in Home and Studebaker St. to REESH & CARTER. C. Cole, City Engr.

Mich., Bay City—Bd. Pub. Wks. let contract sewer in Smith St. to T. KENT & CO.

Mich., Muskegon—City let contract Highland Park Sewer No. 26 to E. W. KRUEGER, about $5,739.

Ill., Belleville—City let contract sewers in Sauter Heights Sewer Dist. to HOEFFKEN BROS. SUPPLY AND CONSTRUCTION CO., 222 West B St.

Ill., Milford—Bd. Local Impvt. let contract storm and sanitary relief sewer to CARSON-PAYSON CO., 144 North Hazel St., Danville, about $15,336.

Wis., Delavan—City let contract sewers to J. B. TEETER, Delavan.

Wis., Waupun—City let contract sewers to G. W. MULHOLLAND, Rockford, Ill., $23,211. Noted Sept. 21.

Iowa, Creston—City let contract sewers to AIKIN & FLUTTER, Corning. Noted Aug. 24.

Iowa, Emmetsburg—City let contract storm sewers to ZITTERELL & SULLIVAN, Webster City, $25,230. Noted Aug. 10.

Iowa, Essex—City let contract 7,000 ft. sewer and 9,000 ft. water mains to J. J. DUNNEGAN and F. H. MITCHELL, Shenandoah, at $0.67 per ft. for sewer and $0.63 for water mains.

Iowa, Estherville—City let contract sanitary sewers to HUBBARD & HANNA. Noted Aug. 10.

Sewers (Continued)

Iowa, Sioux City—City let contract sanitary sewer in South Mulberry St. to F. T. LEEDER.

Minn., Moran—City let contract sanitary sewer to S. E. JACKSON, Sioux City, Iowa.

Kan., Abilene—City let contract sewers to E. D. REED, Clay Center, $11,300.

N. D., Grand Forks—City let contract sewer to CARROLL BROS.

Okla., Altus—(Official)—City let contract sanitary lateral sewers to SANITARY PLUMBING CO., Altus. Noted Aug. 31.

Ont., Lindsay—City to construct sewer by day labor.

Ont., Toronto—Bd. Control let contract relief sewer in Sparkhill Ave. to CONNOLLY-AGNEW CONSTRUCTION CO. About $28,200. Noted July 20.

Ont., Toronto—Bd. Control let contract sewer in Weston Rd., S., to GODSON CONTRACTING CO., LTD., Manning Chambers.

GARBAGE

Proposed Work

Ohio, Canton—City soon receives bids for disposal of garbage for period of 10 years. W. E. Sarver, City Engr.

Mich., Hamtramck—City plans incinerating plant.

Ill., Berwyn—City plans garbage incinerator.

Ill., Highland Park—(Official)—City rejected bids received Sept. 8 for garbage incinerator. New bids received Oct. 13. E. A. Warner, City Clk. Noted Sept. 7.

Tex., San Antonio—City Comn. plans garbage incinerator. A. C. Pancoast, City Engr.

Bids In and Contracts Awarded

N. Y., New York—(Manhattan)—(Official)—Low bids received Oct. 5 for removal of snow and ice during winter season of 1916-1917 from Celestino Demarco, 50 Spring St., $0.384 per cu.yd., Snow Contracting Co., $0.39, Daniel Rogge, $0.4785; removal of snow and ice during winter season 1916-1917 by snow removal districts from J. J. B. La Marsh, Queens Plaza, Long Island City, $0.45 per cu.yd., Dist. No. 1 Noted Sept. 28.

Penn., Reading—City rejected bids received for garbage disposal plant. About $200,000. C. Marks, City Clk. Noted Sept. 7.

Ga., Griffin—City let contract garbage incinerator to NYE ODORLESS CREMATORY CO., Macon. Noted Aug. 17.

Iowa, Council Bluffs—City let contract to PRICE GIBSON to remove garbage for period of 5 years and build reduction plant. Noted May 11.

STREETS AND ROADS

Proposed Work

Mass., Cambridge—Council appropriated $63,000 for paving portion Cambridge St. L. M. Hastings, City Engr.

Mass., Melrose—City plans boulevard and parkway from Melrose to Franklin St.

N. Y., New York—(Manhattan)—M. M. Marks, Borough Pres., Room 2032 Municipal Bldg., receiving bids Oct. 20 for improving portions Haven and Seaman Ave. and 218th St., asphalt.

N. Y., New York—(Richmond)—C. D. Van Name, Borough Pres., Borough Hall, St. George, New Brighton, receiving bids Oct. 17 for improving portion Ridgewood Pl.

N. J., Jersey City—Bd. Comrs. receiving bids Oct. 24 for paving portion Evergreen St., asphalt. W. P. Lee, City Clk.

N. J., Montclair—Bd. Freeholders Essex County receiving bids Oct. 19 for improving portion Valley Rd. Address Clk., Newark.

N. J., Trenton—City plans to improve West End Ave., macadam. J. R. Fell, Jr., City Engr.

Penn., Cannonsburg—Borough Council sold $30,000 paving bonds. Noted July 20.

Penn., Carnegie—City passed ordinance to improve portion Jefferson St., First Ward. O. B. Hegbley, City Engr.

Penn., Harrisburg—City passed ordinance authorizing improvement of portion of Oak St., also paving portion of Orange Alley. M. B. Cowden, City Engr.

Penn., Irwin—Supervs. North Huntingdon Township plan to spend $300,000 on brick roads.

Penn., Mt. Penn.—Borough Council plans $15,000 bond issue for street improvements.

Penn., New Castle—Lawrence County receiving bids Oct. 18 for grading roadway and building culverts from station to station 95 on new highway location from New Castle to New Wilmington, Neshannock Township. J. R. Lamoree, Court House, Clk.

Penn., Pittsburgh—City plans to repave Liberty Ave., about $17,000. R. Swan, City Engr.

Penn., Williamsport—City plans improving portion of Campbell St. J. B. Otto, City Engr.

Del., Wilmington—St. and Sewer Comn. plans to macadamize section Shipley St. E. N. Hoopes, City Engr.

Md., Baltimore—City plans to pave portion Center St. R. M. Cooksey, City Engr.

Md., Baltimore—(Official)—Bd. Awards, City Hall, receiving bids Oct. 18 for about 1¾ mi. tarvia macadam road at Loch Raven. Proposals to be marked "Original" and "Duplicate," endorsed "Bid for building and paving Rd. No. 4, Loch Raven, Contract 44, Water Dept. W. E. Lee, Water Engr. (See adv. Oct. 5 issue.)

W. Va., Hinton—Summers County receiving bids Oct. 27 for improving 15.84 mi. road in Talcott Dist. Address County Clk., Hinton.

W. Va., Madison—Boone County defeated $450,000 road bonds. Noted Sept. 14.

N. C., Asheville—Comrs. Buncombe County, Asheville, plan 3½ mi. sand clay road and Comrs. Madison County, Marshall, 6½ mi., two roads to meet at Forks of Ivy. Address County Clks., Asheville and Marshall.

N. C., Morganton—Burke County, Lovelady Township, voted $50,000 road bonds. Address County Clk., Morganton. Noted Sept. 14.

N. C., Morganton—Burke County, Silver Creek Township, voted road bonds. Address County Clk., Morganton.

N. C., Morganton—Burke County, Upper Fork Township, voted bonds for road work. Address County Clk., Morganton.

Ga., Atlanta—Fulton County plans to pave 10th St. and Virginia Ave., about $35,000. Address County Clk., Atlanta.

Fla., Ft. Lauderdale—(Official)—Broward County receiving bids Oct. 23 for about 10 mi. roads to be portion Dixie Highway. H. C. Davis, Ft. Lauderdale, Engr.

Fla., Tampa—Hillsborough County, Wimauma Dist., election Oct. 31 to vote on $22,500 bonds for road from Wimauma south to county line and bridge over Little Manatee River. Address County Clk, Tampa.

Ala., Birmingham—(Official)—Bd. Revenue Jefferson County receiving bids Nov. 1 for 15.2 mi. roads, 204,575 cu.yd. earth excavation, 57,850 cu.yd. loose rock, 64,850 cu.yd. solid rock, 7,205 lin.ft. c.-i. culvert pipe and cement bridges. G. H. Clark, Birmingham, County Engr. Noted Aug. 3.

Ala., Birmingham—City plans to pave portion Ave. F, asphalt, about $45,000. Julian Kendrick, City Engr.

Miss., Greenwood—Bd. Superv. Leflore County will gravel 4.75 mi. road. Address Clk., Greenwood.

Miss., Lucedale—See item under "Bridges."

Miss., Winona—(Official)—City sold $100,000 road bonds. W. F. Blackston, City Clk. Noted Sept. 28.

La., Lake Charles—(Official)—City rejected bids for paving Boulevard St. New bids. E. L. Gorham, City Engr. Noted Sept. 14.

La., Lake Charles—Calcasieu County, Calcasieu Parish, sold $900,000 road bonds. Address County Clk., Lake Charles. Noted Sept. 28.

Tenn., Manchester—(Official)—Coffee County election Nov. 10 to vote on $250,000 road bonds. J. A. Gibson, Manchester, Clk. Noted Sept. 23.

Ky., Jenkins—Consolidated Coal Co. will not receive bids until next spring for paving, curbing, guttering and cement sidewalks. Noted Aug. 31.

Ky., Whitesburg—City election Nov. 7 to vote on $5,000 bonds for improving streets and sidewalks.

Ohio, Canton—City plans election to vote on $82,000 street improvement bonds. W. E. Sarver, City Engr.

Ohio, Cincinnati—(Official)—Hamilton County receiving bids Oct. 20 for improving Pattison Rd. No 376 from Rogart Rd. to Ohio Pike, Anderson Township. A. Reinhardt, Cincinnati, Clk.

Ohio, Cincinnati—Council soon lets contract for improving 31st St. with brick. About $12,116. F. S. Krug, City Engr.

Ohio, Cincinnati—City plans election in November to vote on $18,000 for paving with granite public landing. Philip Fosdick, Dir. Pub. Ser.

Ohio, Cleveland—Comrs. Cuyahoga County plans to improve portions Ridge, Som Center and Porter Rds. E. G. Krause, Clk., and W. A. Stinchcomb, Cleveland, Surv.

Ohio, Maple Heights—(Worthington post office) Town passed resolution to grade, drain and build sidewalks on Milo, Beach and Broadway St. G. S. Holtz, Clk.

Ohio, Marion—(Official)—City receiving bids Oct. 19 for resurfacing Bellefontaine Ave., asphalt. E. S. Ault, City Engr.

Ohio, Massillon—City to vote Nov. 7 on $58,890 bonds for improving portion of Main St. H. M. Yost, City Engr. Noted Aug. 31.

Ohio, Newark—City passed resolution to improve portion 7th St. C. H. Wells, City Engr.

Ohio, Osnaburg—Stark County receiving bids Oct. 16 for improving Nassau St., brick. Address County Clk., Canton.

Ohio, Ottawa—(Official)—Putnam County receiving bids Oct. 16 for improving Fred Louse Rd., Jennings Township, and J. A. Unverferth Rd., Union Township. J. E. Roose, Ottawa, Audr.

Ohio, Sandusky—Council passed ordinance to improve portion Center St. A. F. Johnson, City Engr.

Ohio, Toledo—City plans paving with brick or concrete about 3 mi. road. H. C. McClure, Engr. Dept. Pub. Ser.

Ind., Brazil—Clay County receiving bids Oct. 25 for stone and gravel road on line between Posey and Perry Townships. W. O. Graeser, Brazil, Audr.

Ind., Columbus—Bartholomew County receiving bids Oct. 25 for 3 roads in Columbus Township. W. H. Scott, Columbus, Audr. Noted Oct. 5.

Ind., Huntington—Bd. Pub. Wks. receiving bids Oct. 16 for waterbound macadam pavement. H. I. Young, City Clk.

Ind., Indianapolis—Bd. Pub. Wks. receiving bids Oct. 16 for improving portion Park Ave. B. J. T. Jeup, City Engr.

Ind., Indianapolis—Bd. Pub. Wks. approved paving portion Terrace Ave. B. J. T. Jeup, City Engr.

Ind., Kokomo—(Official)—Howard County received no bids for stone road in Clay Township. W. L. Benson, Kokomo, Audr. Noted Sept. 28.

Ind., New Albany—Floyd County receiving bids Oct. 26 for 4,375-ft. road in New Albany Township. E. Dupaquier, New Albany, Audr.

Ind., New Albany—Bd. Pub. Wks. making plans for improving portion of Culbertson Ave. S. T. Mann, City Engr.

Ind., Terre Haute—Vigo County receiving bids Oct. 21 for gravel road in Harrison Township. T. Ferguson, Terre Haute, Audr.

Mich., Ann Arbor—City plans to pave about 12,000 sq.yd. Miller Ave., brick. Manley Osgood, City Engr.

Ill., Belleville—St. Clair County election in November to vote on $1,500,000 road bonds. D. O. Thomas, Belleville, County Supt. Highways. Noted Feb. 10.

Ill., Havana—City plans to pave about 32 blocks next spring.

Ill., Jacksonville—(Official)—Bd. Local Imprvts. receives bids about March for paving, curbing and guttering West State St., sheet asphalt, about $52,214. Noted Sept. 28.

Ill., Mattoon—Bd. Local Imprvts. to let contract in spring for paving portion Moultic Ave., 27th and 15th St. J. A. Goetz, City Engr.

Ill., Ottawa—Bd. County Supervs. plans to improve La Salle County Rd. with brick or concrete. About $40,000. Address County Clk., Ottawa.

Ill., Ottawa—Bd. Local Imprvts. to pave downtown dist. About $108,999. G. L. Farnsworth, City Engr.

Ill., Sidell—County receiving bids Oct. 19 for about 11,600 sq.yd. highways. W. S. Dillon, Danville, Supt. County Highways.

Wis., West Bend—City plans improving several streets.

Iowa, Red Oak—(Official)—Montgomery County received bids grading highway, about 22,000 cu.yd. excavation, from T. J. Ryan, Council Bluffs, $5,500; Wilson Co., Red Oak, $5,600; McLaughlin & Son, $5,600. Noted Sept. 28.

Minn., Duluth—St. Louis County receiving bids Oct. 17 for 5 mi. road. O. Halden, Duluth, Audr.

Minn., Lewiston—Citizens voted $10,000 paving bonds.

Minn., Minneapolis—Hennipin County plans to spend $500,000 for roads and bridges in spring. E. E. Terrell, Minneapolis, County Engr.

Minn., Winnebago—City plans election to vote bonds for paving in business section. Address City Clk.

Kan., Augusta—City plans to pave State St. and 5th Ave. with brick on concrete foundation, about 140,000 sq.yd. Black & Veach, Interstate Bldg., Kansas City, Mo., Engr.

Kan., Hoisington—City receiving bids Oct. 23 for purchase of $20,000 paving bonds. O. Butler, City Clk. Noted Sept. 28.

Kan., Wichita—Council passed resolution to pave portion Estelle Ave. and 1st St. B. Wells, City Engr.

Neb., Omaha—Douglas County receiving bids Oct. 17 for paving 2 mi. West Center St., brick, about $23,700. F. Dewey, Omaha, Clk. Noted Oct. 5.

Mont., Butte—City receiving bids Oct. 18 for bitulithic pavement and gutters in Dists. Nos. 217 and 218. J. J. Armstrong, City Engr.

Mo., Joplin—City plans to grade and pave portion 3d St., concrete. J. McAfee, City Engr.

Mo., Kansas City—City soon receives bids for paving 18th St. from Grand to Woodland Ave., creosoted wood block. Curtis Hill, City Engr. Noted Apr. 27.

Ark., Dardanelle—Bd. Imprvt. receiving bids Oct. 19 for about 135,140 sq.ft. concrete sidewalks, including gutters and crosswalks. Winters & Dove, Ft. Smith, Engr. Noted Aug. 17.

Ark., Eureka Springs—City soon lets contract for 235,000 sq.ft. of bitulithic pavement on Main St. W. H. Elliott, City Engr.

Tex., Brownwood—Chamber of Commerce plans bond issue for highway work. J. E. Eubanks, City Engr.

Tex., Dallas—City plans to pave portions Bishop Ave. and Elihu St. H. Moseley, City Engr.

Tex., Ft. Worth—City Comrs. plan to expend about $33,000 for improving Vickery Blvd., Dallas Pike and 4th St. F. J. Von Zuben, City Engr.

Tex., Port Arthur—City sold $64,000 paving bonds.

Streets and Roads (Continued)

Tex., Rusk—Cherokee County election Oct. 14 to vote on $300,000 road bonds. Address County Clk., Rusk.

Tex., Rusk—Cherokee County Jacksonville Precinct, election Oct. 21 to vote on $25,000 road bonds. Address County Clk., Rusk.

Tex., San Augustine—San Augustine County election Oct. 21 to vote on $45,000 road bonds. Address County Clk., San Augustine.

Tex., Terrell—City plans to pave Asylum St. H. Brewster, City Engr.

Okla., Okmulgee—Council passed ordinance to pave Alabama Ave.

Okla., Sapulpa—Creek County soon lets contract for highway across county to cost about $5,000 per mi. Address County Clk., Sapulpa.

Okla., Sapulpa—Council passed ordinance to pave Alabama Ave.

Okla., Tahlequah—Cherokee County plans election to vote on $100,000 road bonds. Address County Clk., Tahlequah.

Okla., Tulsa—Comrs. Tulsa County receiving bids Oct. 16 for 6.2 mi. highway. L. Cline, Tulsa, County Clk. (See adv.)

Okla., Wetumka—See item under "Bridges."

Idaho, Lapwai—Lapwai Highway Dist. plans election to vote on $150,000 road bonds. Noted July 13.

Idaho, Pocatello—(Official)—Council receiving bids Oct. 26 for improving South 3rd St., also grading and paving streets in Dist. No. 14, about $42,000. J. H. Giles, City Engr. Noted Sept. 28.

Ariz., Safford—Graham County election Nov. 7 to vote on $200,000 road bonds. Address County Clk., Safford.

Wash., Mansfield—City rejected bids for paving Main St. and 1st and 2d Ave., about $15,000. New bids. Noted Sept. 14.

Wash., Seattle—Plans approved for paving W. Halliday St. About $12,000. A. H. Dimock, City Engr.

Ore., Astoria—City making plans for improving Olney and other streets with asphaltic concrete, bitulithic or portland cement. G. T. McCrean, City Engr.

Ore., Portland—City plans to pave College St. with concrete or brick. About $17,000. P. Dater, City Engr.

Calif., Monterey—City Council plans improving portions of Jefferson, Pacific, Franklin and Washington St.

Calif., Upland—City receiving bids Oct. 16 for 46,000 sq.ft. concrete pavement with oil and screening surface on 19th St. F. C. Froehde, Supt.

Calif., Rio Vista—City receiving bids Oct. 19 for curbing, guttering and paving various streets. F. J. Kalber, Clk.

Calif., Santa Barbara—City plans to pave portion Bath St.

N. S., Halifax—Halifax Automobile Association advocating building of 1,500 mi. good roads.

N. B., Moncton—Bd. Wks. recommended that city pave East and West Market St., rein.-con. J. Edington, City Engr.

Ont., Belleville—City plans to pave several streets. J. W. Evans, Engr.

Ont., Brantford—Brant County plans system of good roads. A. M. Jackson, Brantford, County Engr.

Ont., London—Council plans to pave portion Wellington St., about $12,384. S. Baker, City Clk.

Ont., Ottawa—Council plans to repave Pooley's Bridge with 3-in. wood block. A. F. Macallum, Comr. Wks.

Ont., Toronto—City plans to pave portion Balliol St.

Ont., Toronto—R. Harris, Wks. Comrs., recommended that city widen Moore Ave.

Bids In and Contracts Awarded

Mass., Boston—City received low bids paving various streets in Brighton, Dorchester, East Boston and West Roxbury Dists., (a) asphalt, (b) topeka, (c) bitulithic, from Central Construction Co., 228 Southampton St., (a) $171,187, (b) $173,187, (c) $173,187; Quinlan & Roberson, Montreal, Que., (a) $175,644, (b) $173,849; D. M. Biggs & Co., 60 Marsh St., (a) $178,881, (b) $179,779. Noted Sept. 21.

Mass., Boston—City received bids paving various streets in Brighton, Dorchester, Roxbury and West Roxbury Dists. from M. De Matteo, 146 Dudley Ave., Roslindale, $61,242; J. Doherty, 133 Calumet St., Roxbury, $62,317; Coleman Bros., Chelsea, $65,466.

Mass., Boston—City let contract repaving portion Dorchester Ave., South Boston, to T. A. GILLESPIE CO., 363 Dorchester Ave., South Boston, about $11,300.

Conn., Naugatuck—City plans to pave Rubber Ave. by day labor. G. C. Ham, City Engr.

N. Y., New York—(Brooklyn)—M. J. O'HARA, 577 3d St., awarded contract repaving 30th St. from bulkhead to 2d Ave., $7,745, from 2d to 3d Ave., $11,608; STANDARD OIL CO., 26 Broadway, Manhattan, for 80,000 gal. refined asphalt, liquid form. Noted Oct. 5.

N. Y., New York—(Manhattan)—(Official)—City let contracts street improvements to: UVALDE ASPHALT PAVING CO., 1 Broadway, Park Row, $17,981, Cathedral Pkway., $23,701; ASPHALT CONSTRUCTION CO., 88th St., $20,772, 126th St., $23,759. Noted Sept. 28.

N. Y., New York—(Manhattan)—(Official)—City let contracts street improvements to: W. J. FITZGERALD, 547 West 45th St., 3d Ave., $11,915, 24th St., $14,779; ASPHALT CONSTRUCTION CO., Madison Ave. and 137th St., 17th St., $29,046; M. BAIRD CONTRACTING CO., 433 East 92d St., 31st St., $7,650, 32d St., $7,673. Noted Sept. 28.

N. Y., New York—(Queens)—(Official)—Low bidders improving portions various streets were as follows: C. A. Myers Contracting Co., foot Stagg St., Brooklyn, Corona Ave. to Justice St., $20,141, Cypress Ave., $10,571; Degnon Contracting Co., 30 East 42d St., Manhattan, Hunterspoint Ave., $15,585; Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, 118th St., $52,376; Sicilian Asphalt Paving Co., Ditmars Ave., $27,554; E. W. Fitzpatrick, 128 3d Ave., Worthington Ave., $9,517. Noted Sept. 28.

N. J., Irvington—City let contract paving and curbing Laurel Ave. to P. CAMMELLO & CO., Westfield, about $10,000. Noted Aug. 24.

N. J., Newark—City let contract paving Cedar Ave. to R. SANGIOVANNI, 50 Hoyt St., Newark, about $5,372. Noted Oct. 5.

N. J., Ridgefield Park—(Official)—Bd. Comrs. let contract improving portion Gordon St. to A. W. GILL, Leonia, about $11,134. Noted Oct. 5.

N. J., Ridgefield Park—Bd. Comrs. let contract improving Grove St. to A. W. GILL, Leonia, $4,420. Noted Oct. 5.

Penn., Allentown—Barber Asphalt Paving Co., Philadelphia, at $1.44 per sq.yd., low bidder paving portions North 7th, North 6th and Linden St. C. Albright, City Engr.

Md., Baltimore—City let contract paving portion Guilford Ave. to P. FLANIGAN & SONS, Harford Ave. and 25th St.

Md., Baltimore—Baltimore Asphalt Block and Tile Co., Baltimore, at $1.78 per sq.yd., low bidder paving Gay St., asphalt; Flanigan & Sons, at $1.76 per sq.yd. for Lexington St. Noted Sept. 21.

Md., Baltimore—(Official)—State Rds. Comm. let contract resurfacing Liberty Rd. to ATLANTIC BITULITHIC CO., Richmond, about $32,529; bridge on York Rd. to B. H. MAYS, Glencoe, about $9,264. Noted Sept. 21.

Md., Baltimore—State Rds. Comm. let contract concrete road in Harford County to R. G. COLLINS, INC., 52 Vanderbilt Ave., New York, about $90,000; Anne Arundel County, F. M. DUVALL, St. Margarets, $21,079; Dorchester County, PENINSULAR CONSTRUCTION CO., Preston, $12,299. Noted Sept. 21.

Md., Frederick—Frederick County let contract Monrovia-Hyattstown Rd. to N. W. KAYLOR, Hagerstown, about $14,719. Noted Sept. 28.

Va., Bland—Bland County let contract 1½ mi. road to J. C. TUGGLE.

N. C., High Point—City let contract for 40,000 sq.yd. and alternate bids on 100,000 sq.yd. paving to R. G. LASSITER & CO., Oxford. About $50,000 available. Noted Sept. 21.

N. C., Wilson—City let contract sidewalks to R. G. LASSITER & CO., Oxford.

N. C., Winston-Salem—Forsyth County Highway Comm. let contract road from Salisbury Rd. to south end of Broad St. to HARDAWAY CONTRACTING CO., Columbus, Ga. Noted Sept. 21.

Ga., Atlanta—City let contract paving portion Peachtree St. to T. D. MEADOR, Jr., about $100,000.

Ga., Atlanta—City let contract paving portion Walton St. to JAMIESON & HALLOWELL. Noted Apr. 6.

Fla., Ft. Lauderdale—(Official)—Broward County let contract earthwork on Everglades Rd. to STURGIS & OLIVER, Ft. Lauderdale.

Fla., Jacksonville—City let contract 2 mi. sand clay road to S. SPENCER, Jacksonville, about $17,000.

Fla., Starke—City let contract 30,000 sq.yd. paving to R. L. DAVIS, Tampa.

Ky., Paducah—City let contract 27,500 sq.yd. paving to SPUTHERN BITULITHIC CO., Nashville, about $63,655. Noted Sept. 14.

Ohio, Cleveland—(Official)—City let contract improving and extending portion Hough Ave. to R. P. BURNETT, Society for Savings Bldg., $18,250. Noted Sept. 21.

Ohio, Cleveland—City let contract paving portion 114th St. to BALDWIN BROS. CO.

Ohio, Dayton—City let contract improving portion Summit St. to G. HECKER, about $4,940.

Ohio, Defiance—(Official)—Defiance County let contract improving Evansport Rd. to TURRITAN & ERMAN, Evansport, $16,069, Sect. "A"; SPANGLER & ERMAN, Evanport, $8,334, Sect. "B."

Ohio, Hubbard—(Official)—Village let contract improving portion Mill St. to E. DIORIA, Youngstown. Noted Sept. 21.

Ohio, Niles—County let contract macadamizing Newton Falls Salt Springs Rd. to McDERMOTT & HANAN, Niles, $17,224.

Ohio, Port Clinton—(Official)—Village let contract paving portion Monroe St. and West Market Space to KIMELSPACH & THOMA, Fremont, about $8,736. Noted Sept. 21.

Ohio, Youngstown—Shenango Land Co. let contract 8,000-ft. paving to W. McINTYRE & SONS, Sharon, Penn.

Ind., Brookville—(Official)—Franklin County let contract road in Brookville Township to T. WILSON, Brookville, about $28,500. Noted Sept. 28.

Ind., Columbia City—(Official)—Whitley County let contract gravel road in Cleveland Township to E. E. LEHMER, North Manchester, about $11,156. Noted Sept. 28.

Ind., Corydon—(Official)—Harrison County let contract gravel or macadam roads in Webster, Blue River and Harrison Townships to PILLARS & TEMPLE, Depauw, about $6,320. Noted Sept. 28.

Ind., Elkhart—City let contract paving Sterling Ave. to NORTHERN CONSTRUCTION CO., about $11,250.

Ind., Frankfort—(Official)—Clinton County let contract gravel road in Forest Township to HARSHMAN & JARRELL, Frankfort, about $8,640. Noted Sept. 28.

Ind., Indianapolis—City let contract improving portion Broadway to INDIANA ASPHALT CO., at $4.88 per yd.

Ind., Laporte—(Official)—Laporte County let contract road in Lincoln Township to L. MARTINE, Laporte; Prairie Township to E. MARQUARDT. Noted Sept. 28.

Ind., Lawrenceburg—(Official)—Dearborn County let contract road in Lawrenceburg Township to R. H. BLACKMORE and F. LUDLOW, Lawrenceburg, about $42,000. Noted Sept. 28.

Ind., Logansport—(Official)—Cass County let contract road Clay Township to REIMENSCHNEIDER & ANSTIS, about $13,000. Noted Sept. 28.

Ind., Monticello—(Official)—White County let contract road in Union Township to O. E. SHAFER, Royal Center. Noted Sept. 28.

Ind., Rensselaer—(Official)—Jasper County let contract road in Gillam Township to O. SALEIR, Tefft, about $10,309. Noted Sept. 28.

Ind., Rochester—Fulton County let contract 6 mi. gravel road to D. B. CLEVENGER, Rochester, $17,500. Noted Sept. 7.

Ind., Shelbyville—(Official)—Shelby County let contract gravel road in Hanover Township to W. N. BASSETT, Morristown, about $9,975. Noted Sept. 28.

Ind., Vincennes—(Official)—Knox County let contract 11,200-ft. gravel road in Johnson Township and 15,840-ft. in Harrison Township to E. H BYERS, Monroe City, about $9,100. Noted Sept. 28.

Mich., Ecorse—City let contract paving portion Monroe St. to RICE CONSTRUCTION CO.

Ill., Chicago—Cook County let contract 4 mi. road in Lynn and Wheeling Townships to COMMONWEALTH IMPROVEMENT CO., Chicago, about $57,000.

Ill., Danville—F. A. Coughlin, Stock Exchange Bldg., Chicago, only bidder on 15,263 sq.yd. asphaltic concrete.

Ill., Elgin—(Official)—City let contract improving Bluff Blvd. and Dexter Ave. to McCARTHY IMPROVEMENT CO., Davenport, Iowa, $11,362 and $7,530, respectively.

Ill., Jacksonville—City let contract paving Prairie St. to STANDARD PAVING CO., 1101 South Cicero Ave., Chicago, about $27,410.

Ill., La Salle—City let contract paving portion Hennepin and 7th St. to T. W. KEYS, La Salle, about $28,000.

Ill., Rock Island—Moline Construction Co., at $2.05 per yd. low bidder paving 42d St. Noted Aug. 31.

Ill., Rock Island—City let contract paving portion 24th St. to McCARTHY CONSTRUCTION CO., $1.99 per sq.yd. Noted Aug. 31.

Wis., Elkhorn—Western Improvement Co., Racine, low bidder improving various streets, about $60,000.

Iowa, Burlington—City let contract grading Ballard and Huston St. to JULIUS POHREN.

Iowa, Council Bluffs—C. C. Norgaard & Son were only bidders for resurfacing Oakland Ave.

Iowa, Des Moines—City let contract paving rounding street in south part capital extension to DES MOINES ASPHALT PAVING CO., at $1.98½ per sq.yd.

Kan., Columbus—(Official)—City let contract 18,897 sq.yd. paving and 4,762 lin.ft. curb and gutter to WATTS & AMMERMAN, Salina, about $38,232. Noted Sept. 28.

Mont., Butte—City let contract improving portion Harrison Ave. Blvd. to B. HAGER, Belgrade.

Mont., Lewistown—City let contract paving to G. H. NASH, Missoula, about $40,000.

Mo., Chillicothe—City let contract paving Walnut St. to J. F. MEEK, Chillicothe.

Ark., Ft. Smith—City let contract 11,375 sq.yd. paving Dist. No. 2 to G. ELLEFSON.

Tex., Ft. Worth—City let contract paving portion Travis and Washington Ave. to GENERAL CONSTRUCTION CO., Ft. Worth. Noted Oct. 5.

Streets and Roads (Continued)

Tex., Houston—City let contract paving portions West, Gano, Chapman and Quitman St. to A. M. CHAMBERS CO., Houston, about $14,000.

Tex., Newton—Newton County let contract about 80 mi. road north and south through county to N. A. DAWSON, Newton.

Okla., Henryetta—City let contract paving streets in Impvt. Dist. No. 1 to PARK-MORGAN CO., Okmulgee, about $74,591.

Okla., Tulsa—City let contract sidewalks to L. J. ROACH.

Wash., Aberdeen—(Official)—City let contract improving West Blvd. to STANDARD TRANSFER CO., Aberdeen, about $12,882. Noted Sept. 21.

Wash., Centralia—Lewis County let contract surfacing D St. Bridge Rd. to ALBERS & SON, about $4,300.

Wash., Pasco—Franklin County let contracts Permanent Highway Nos. 3 and 5 to PORTER & CONLEY, Portland, and TRIBO & CREBLING, Walla Walla, about $10,700 and $15,687 respectively. Noted Aug. 31.

Wash., Seattle—City rejected bids for paving Rainer and 47th Aves. A. H. Dimock, City Engr.

Ore., Portland—City let contract paving approaches to interstate bridge over Columbia River to WARREN CONSTRUCTION CO., $93,387.

Calif., Anaheim—City let contract 62,700 sq.ft. paving to LOS ANGELES PAVING CO., 2900 Santa Fe Ave., Los Angeles, $0.1199 per sq.ft.

Calif., Berkeley—City let contract curbing, guttering and paving Fulton St. to OAKLAND PAVING CO., 5,000 Broadway, Oakland.

Calif., Fairfield—(Official)—Solano County let contract graveling portion Rd. No. 21 to BEATTY & GATES, Vacaville, $1.89 per cu.yd. Noted Sept. 28.

Calif., Los Angeles—Los Angeles County let contract improving Wright-Tweedy Rd., Dist. No. 93, to R. H. McCRAY CO., 422 American Bank Bldg., $19,338. Noted Sept. 28.

Calif., Los Angeles—Los Angeles County let contract improvement work in Dist. No. 103 to E. A. BAKER, Hellman Bldg., about $13,250. Noted Oct. 5.

Calif., Los Angeles—Los Angeles County received low bid Harbor Truck Blvd. from White & Gaskill, Long Beach, about $48,237. Noted June 22.

Calif., Los Angeles—Los Angeles County let contract improvement work in Dist. No. 102 to SOUTHERN CALIFORNIA CONTRACTING CO., Title Insurance Bldg., $20,425.

Calif., Oakland—City let contract improving portion College Ave. to FEDERAL CONSTRUCTION CO., Sharon Bldg., San Francisco. Noted Sept. 7.

Calif., Richmond—City let contract paving portion 15th St. to L. L. PAGE, about $10,721.

Calif., Sacramento—City let contract improving 31st St. to McGILLIVRAY CONSTRUCTION CO., Nicolaus Bldg.

Calif., San Anselmo—City let contract improving street in Upper Bush tract to WESTERN MOTOR DRAYING CO., 1444 Church St., San Francisco, $9,118. Noted Sept. 7.

Calif., Santa Barbara—City let contract paving portion Mission Ridge Rd. to PAUL & CALDWELL, Stockton, about $53,337. Noted Oct. 5.

N. B., Moncton—City let contract paving St. George St. to CARRITTE-PATTERSON CO., LTD., 89 Water St., St. John, about $25,000. Noted Aug. 31.

Que., Montreal—Council plans to spend about $250,000 for asphalt paving. Work to be done by day labor. P. Mercier, Engr.

Ont., Lindsay—Town let contract paving to STANDARD PAVING CO., LTD., Central Chambers, Ottawa.

Ont., Ottawa—(Official)—City to build sidewalks on Somerset St. by day labor. Noted Sept. 28.

Ont., Sault Ste. Marie—City let contract cement walks to A. R. WOOD, 136 Pilgrim St.

Ont., Toronto—City let contract asphalt paving to GODSON CONTRACTING CO., Manning Chambers, about $16,500.

Ont., Walkerville—(Official)—Council let contract 6,000 sq.yd. concrete paving to MERLO, MERLO & RAY, Walkerville. Noted Sept. 28.

Ont., Windsor—City let contract paving Moy and Erie St. to CHICK CONTRACTING CO., McDougall St., about $6,424.

INDUSTRIAL WORKS

Proposed Work

Maine, Auburn—T. A. Huston Co., North Main St., making plans for 3-story addition to biscuit factory, about $10,000. Gibbs & Pulsifer, Journal Bldg., Lewiston, Arch.

Maine, Auburn—J. C. Woodrow, 25 Summer St., making plans for 5-story, 50x100-ft. warehouse. Coombs & Ash, Journal Bldg., Lewistown, Arch.

Mass., Boston—E. N. Foss, care of W. E. Locke, 34 Oliver St., making plans for 3- and 4-story, 60x300-ft. light manufacturing building, auto showrooms and offices. J. T. Ball, 39 Rosedale St., Dorchester, Arch.

Mass., Boston—A. Prentiss, 57 Prentiss St., Roxbury, making plans for 1-story sausage factory about $10,000. C. A. and F. N. Russell, 50½ Warren St., Arch.

Mass., Holyoke—Farr Alpaca Co. plan new building on Cabot and Bigelow St.

Mass., New Bedford—Passaic Cotton Mill Co., 120 Broadway, New York, plans mill at New Bedford. F. H. Smith, 120 Broadway, New York, Engr.

R. I., Providence—Monahan Vehicle Co., Eagle St. and Kinsley Ave., plans 2-story factory at Elmwood and Reservoir Ave.

N. Y., Albany—Woodward Co., 388 Broadway, plans 4-story warehouse, about $60,000. Fuller & Robinson, 95 State St., Arch.

N. Y., Buffalo—A. Shreiber Brewing Co., 662 Fillmore Ave., making plans for 2-story bottling works. About $20,000. W. H. Zawadski, 798 Fillmore Ave., Arch.

N. Y., New York—(Brooklyn)—Adrian Machine Works, Inc., 254 Van Brunt St., plans 6-story, rein.-con. machine shop. R. Irving Dodge, 233 Broadway, Arch.

N. Y., New York—(Brooklyn)—C. Katz, 392 Bushwick Ave., made plans for 2-story factory, about $10,000.

N. Y., New York—(Queens)—Gehnrich Indirect Heat Oven Co., Franklin Ave., Brooklyn, making plans for 4-story, 143x217-ft. factory, about $100,000. Francisco & Jacobus, 200 5th Ave., Manhattan, Arch.

N. Y., Saratoga Springs—State Reserveration Comn. made plans for bottling plant, about $30,000. L. F. Pilcher, Capitol, Albany, State Arch. Noted Oct. 21.

N. J., East Orange—Sprague Electric Co. plans rein.-con. addition to plant. About $425,000.

N. J., Hoboken—Hudson County Consumers Ice Co. plans 3-story brick plant at 16th and Park Ave. About $77,000.

N. J., Long Branch—Hazard Cascara Co., 75 Washington St. plans to rebuild plant.

Penn., New Castle—American High Explosive Co. plans plant. About $400,000.

Penn., New Castle—Standard Steel Car Co., Mahoning Ave., plans plant. About $300,000.

Penn., Philadelphia—J. J. Allen, 621 Gale Bldg., made plans for brick manufacturing plant, about $25,000.

Penn., Philadelphia—Peter Hecht Glass Works, 60 North 4th St., made plans for 1-story, 44x129-ft. storage shed. About $15,000.

Penn., Philadelphia—J. L. Heermann, 4136 Lancaster Ave., made plans for 2-story, 90x100-ft. bakery, about $25,000. C. R. Balderston, 411 Walnut St., Arch. Noted Sept. 28.

Penn., Philadelphia—Keystone Spinning Mills Co., 1631 North 2nd St., making plans for additions to plant.

Penn., Philadelphia—Wilson & Co., 139 Delaware Ave., making plans for 4-story, brick and rein.-con. packing house at 827 Callowhill St.

Penn., Pittsburgh—(Official)—D. L. Clark Co. making plans for 6-story, 27x65-ft. and 62x120-ft. additions to plant. About $125,000. P. Dietz, House Bldg., Pittsburgh, Engr.

Va., Alexandria—H. R. Morton, 3728 New Hampshire Ave., Washington, making plans for 3-story rendering plant and boiler room, about $30,000. O. Vogt, 405 Corcoran Bldg., Washington, Arch.

W. Va., Follansbee—Follansbee Bros. Co. plans steel plant, about $1,500,000.

W. Va., St. Albans—Roessler & Hasslacher Chemical Co., Perth Amboy, plans plant. About $1,000,000.

N. C., Charlotte—Chatham Manufacturing Co., Elkin, plans 4-story, 80x300-ft. mill.

N. C., Spencer—Southern Ry. plans shop. B. Herman, 1300 Pennsylvana Ave., Washington, D. C., Ch. Engr. M. W. and Struct.

Fla., Tampa—Tampa Foundry and Machine Co. plans shipyard plant. About $500,000. E. Kreher, Pres.

Ky., Mt. Sterling—G. O. Tuck & Co., Louisville, making plans for plant at Mt. Sterling. About $30,000.

Ohio, Akron—American Hard Rubber Co. plans 5 factory buildings. About $100,000.

Ohio, Cincinnati—Linde Air Products Co., 63 Plum St., plans plant at Stanton Ave. and Shillito St. About $50,000.

Ohio, Cincinnati—J. Milberg, 516 Poplar St., plans 2-story, 50x100-ft. packing plant. About $25,000.

Ohio, Cleveland—National Carbon Co., Madison Ave., N. W., and West 117th St., plans addition, about $50,000.

Ohio, Cleveland—City Ice Delivery Co., 908 New England Bldg., plans additions to plant. About $1,000,000.

Ohio, Cleveland—Ohio Blower Co., 5125 Perkins Ave., making plans for 4-story, 60x200-ft. brick and concrete plant. About $75,000. Osborn Engineering Co., 720 Engineers Bldg., Arch.

Ohio, Cleveland—Willard Storage Battery Co. made plans for 2 factory buildings, one 2-story, 135x200-ft. and other 1-story, 90x240-ft. About $100,000. T. A. Willard, East 131st St. and St. Clair Ave., Vice-Pres. and Gen. Mgr. Noted May 1.

Ohio, Kenton—Kenton Grocery Co. plans 2-story warehouse.

Ohio, Lorain—Cromwell Steel Co. plans plant. J. C. Cromwell, Cleveland, interested.

Ohio, Marietta—Chamber of Commerce formed Industrial Co. and purchased large tract of land to be used for factory sites. First company to locate on tract will be known as Marietta Chain and Forging Co. and will construct large steel plant. B. F. Strecker and C. F. Sperry, interested.

Ohio, Massillon—National Press Co., recently incorporated, plans plant on Columbia Heights.

Ohio, Rosehill—(New Weston post office)—S. A. Swanson and associates, Massillon, plan wash gravel plant in Rosehill. About $50,000.

Ohio, Salem—Buckeye Engine Co. plans 2-story, 120x380-ft. addition. E. S. Grivets, Cleveland, Pres.

Ind., Bicknell—Pennsylvania Lines West of Pittsburgh plans roundhouse and coal yards at Bicknell, about $150,000. T. Rodd, Pittsburgh, Ch. Engr.

Ind., Gary—Union Drawn Steel Co., 7th Ave. and 4th St., Beaver, Penn., plans plant at Gary.

Ind., Peru—Lake Erie & Western R.R. plans 15-stall roundhouse at Peru. J. K. Connor, Washington and Noble St., Indianapolis, Ch. Engr.

Mich., Detroit—J. E. Bolles Iron and Wire Works, 4th and Porter St., plans plant at Hastings St. and East Milwaukee Ave. J. B. Mansfield, Vice-Pres. and Gen. Mgr.

Mich., Detroit—Detroit Metallic Casket Co. plans 1-story brick factory and garage. About $25,000.

Mich., Detroit—Detroit United Railway Co. plans freight house at Monroe Ave., Chene, Dequindre and Macomb St. About $1,000,000. F. W. Brooks, Interurban Bldg., Detroit, Pres. and Gen. Mgr.

Mich., Manistique—F. W. Little and other capitalists of Minneapolis plans pulp and paper mill. About $1,000,000.

Ill., Danville—Sugar Creek Creamery Co. making plans, for 2-story, 66x148-ft. creamery. About $50,000. Liese & Ludwick, Dale Bldg., Arch.

Wis., Beloit—Esterline & Angus Co., Indianapolis, Ind., plans plant for manufacture of electrical fixtures. About $50,000.

Wis., West Allis—North Pacific Ry. plans plant. About $2,000,000. W. L. Darling, St. Paul, Minn., Ch. Engr.

Iowa, Dodge City—Droge Elevator Co. plans rein.-con. warehouse at 9th Ave. and 12th St. About $12,000.

Iowa, Ft. Madison—State Bd. Control, Capitol, Des Moines, making plans for 1-story, 70x100-ft. chair and furniture factory. H. F. Liebbe, Des Moines, State Arch.

Iowa, Waterloo—American Manufacturing Co. making plans for 4-story, 70x140-ft. factory. R. G. Ralston, Syndicate Bldg., Arch. D. Pederson, 613½ Jefferson St., Mgr.

Minn., Dover—Dover Creamery Association plans, about $10,000. C. Kampfer & Sons, 102 Bates Ave., St. Paul, Arch. H. Brown, Mgr.

Minn., Duluth—National Iron Works, 50th Ave., plans pattern warehouse. About $10,000.

Minn., Minneapolis—Daily News Co. plans 3-story printing plant, at 4th Ave., S., and 6th St. A. E. Flobeck, 2nd Ave. and 6th St., Mgr.

Minn., Minneapolis—A. O. Gerde, 112 East Lake St., making plans for commercial garage, about $20,000.

Minn., St. Paul—Electric Steel Co. plans factory. G. W. Harrison, 1011 Merchants Bank Bldg., and M. Toltz, Toltz Engineering Co., Pioneer Bldg., interested.

Minn., St. Paul—Megow Traction Co. plans tractor plant, about $100,000. Address E. J. Megow, 2138 Marshall Ave. Toltz Engineering Co., Pioneer Bldg., Arch and Engr.

Kan., Independence—Independent Paper Co. plans to improve and enlarge factory. Address C. J. Ellsworth, Independence.

Neb., Grand Island—Nebraska Mercantile Co. plans 4-story, 85x140-ft. building.

Neb., Lincoln—DeWitt Grain Co., 27th and Y St., making plans for 2-story warehouse. About $15,000.

Mont., Helena—City votes Nov. 7 on $265,000 bonds for factory at state prison. A. M. Alderson, Secy. of State.

Mont., Helena—New York & Montana Testing and Engineering Co. plans factory. About $30,000.

Mo., Kansas City—Aines Farm Dairy Co. soon receives bids for 3-story plant. Shepard, Farrar & Wiser, 1202 R. A. Long Bldg., Arch. L. A. Aines, 39th and Main St., Mgr. Noted Sept. 28.

Mo., St. Louis—Emil Sieloff Provision Co. plans cold-storage plant on Natural Bridge Ave.

Ark., Little Rock—E. L. Bruce Co., East 17th St., plans to rebuild plant. About $100,000.

Tex., Waco—R. C. Allen, Hearne, plans building at 8th St. to be leased by Hill Printing and Stationery Co.

Okla., Muskogee—Missouri, Kansas & Texas Ry. made preliminary plans for roundhouse, shops, etc., about $160,000. L. F. Lonnbladh, Dallas, Tex., Ch. Engr. Noted Mar. 30.

Utah, Salt Lake City—Browning Automobile and Supply Co., 55 West 4th St., plans salesroom

Industrial Works (Continued)

and storage and automobile shop building at Main and 6th St., S., about $100,000.

Utah, Salt Lake City—Provo Woolen Mills, Provo, purchased site at Salt Lake City for plant.

Wash., Seattle—Davidson Bakery Co. soon lets contract for 2-story brick and concrete bakery at 13th Ave. and East Columbus St. About $99,500. Bebb & Gould, Denny Bldg., Arch.

Wash., Spokane—International Cement Co. plans to rebuild plant.

Calif., Vallejo—Sperry Flour Mill Co. plans rein.-con. warehouse. About $150,000.

Calif., Oakland—Albers Milling Co. plans 80 concrete grain tanks and concrete molasses vat.

Calif., Oakland—Moran Meat Packing Co., San Francisco, plans packing plant at Oakland. About $300,000. F. Whitton, Mgr.

Ont., Niagara Falls—Perfection Tire and Motor Co., 713 Marquette Bldg., Chicago, plans factory. About $50,000.

B. C., Lulu Island—Pacific Steel Products Co., Ltd., plans to rebuild plant destroyed by fire.

Bids In and Contracts Awarded

N. H., Manchester—Standard Oil Co., 26 Broadway, New York, let contract 2-story warehouse to H. D. BEST & CO., 52 Vanderbilt St., New York.

N. H., Nashua—Improved Paper Machinery Co. let contract 3-story machine shop to C. W. KELTH, Milford.

N. H., Nashua—Nashua Card Gummed and Coated Paper Co., 44 Franklin St., let contract 3-story storehouse to OSGOOD CONSTRUCTION CO., 25 East Hollis St.

N. H., Somersworth—Great Falls Woolen Co. let contract addition to dye house and woolen mill to J. MATHEWS, Berwick, Maine, about $25,000. Noted Sept. 7.

Mass., Brighton—Brighton Laundry Co. let contract 2-story laundry, Union and Snow St., to F. J. VAN ETTEN, 53 Mapleton St., Brighton, about $20,000.

Mass., Boston—New York, New Haven & Hartford R.R. let contract addition to roundhouse to H. L. HEMENWAY CO., 88 Broad St. Noted Sept. 14.

Mass., Brockton—Bay State Metal Corporation let contract factory to G. HOWARD & SONS, 633 Warren Ave., Brockton, about $30,000.

Mass., Cambridge—Morey & Co., 111 Devonshire St., Boston, let contract 5-story, 49x95-ft. plant to R. H. HOWES CONSTRUCTION CO., 10 Post Office Sq., Boston. About $50,000. Noted Aug. 31.

Mass., Everett—Everett Factories Corp., 210 Broadway, let contract 4-story factory to B. F. SMITH CO., 136 Federal St., Boston, about $60,000.

Mass., Lowell—Merrimack Manufacturing Co. let contract manufacturing building to B. H. WIGGIN CO., 150 Market St., about $10,000.

Mass., Somerville—New England Blacking Co., Inc., 24 Binford St., let contract 1-story factory to WALSH BROS., 150 Hampshire St., Cambridge.

Mass., Springfield—Bay State Thread Co. let contract 4-story addition to factory to E. F. CARLSON CO., 310 Main St.

R. I., Pawtucket—Tamarack Co. let contract 2-story, 80x200-ft. factory to F. T. LEY & CO., Springfield, Mass.

Conn., Middletown—Meech & Stoddard, Inc., 340 Main St., let contract 2-story, 55x200-ft. warehouse to S. MAZZOTTA. Noted Sept. 21.

Conn., New Britain—Barnes & Kobert Co. let contract 1-story, 60x200-ft. factory to B. H. HIBBARD CO.

Conn., Stonington—Atwood Machine Co. let contract 3-story addition to H. R. DOUGLAS, INC., New London, about $40,000.

N. Y., Cobleskill—Schoharie State School of Agriculture let contract dairy and horse barn to E. JOHNSON, Catskill, about $12,000. Noted Aug. 10.

N. Y., Newark—J. Hensler Brewing Co. let contract addition to bottling plant and stable to ESTATE OF H. WOLF, 318 Elm St., about $15,000.

N. Y., New York—(Manhattan)—J. S. Burns & Sons, 600 West 43d St., let contract 6-story, 100x125-ft. rein.-con. factory to W. L. CROW CONSTRUCTION CO., 103 Park Ave., about $60,000. Noted Sept. 14.

N. Y., New York—(Manhattan)—Dept. Pub. Charities, Municipal Bldg., let contract 9-story storage building on Blackwells Island to BENEDETTO, CLARK & NUGENT, INC., 423 East 115th St. About $400,000. Noted Sept. 14.

N. Y., Rochester—L. Gibaud, 352 Main St., E., let contract auto sales room to GORSLINE & SWAN CONSTRUCTION CO., 243 Powers Bldg., about $22,500.

N. J., Atlantic City—S. Leopold, 1825 Atlantic Ave., let contract 4-story warehouse to S. DELINSKY, 105 North Mass Ave. About $20,000.

N. J., Bridgeton—W. Venezky let contract 3-story cold-storage plant and market on Pearl St. to H. H. HANKINS & BROS.

N. J., Jersey City—(Official)—Hudson Laundry Co. let contract, 1-story, 200x210-ft. laundry at Johnson Ave., Grand and Bishop St. to McDERMOTT & HANNIGAN, INC., 103 Park Ave., New York. About $60,000. Noted Sept. 28.

N. J., Jersey City—C. A. Woolsey Paint and Color Co., 500 Grand St., let contract addition to factory to WRIGHT & KOWALSKI, 667 Grove St.

N. J., Kearny—(Arlington post office)—White Tar Co. of New Jersey let contract chemical factory of T. L. MacBEAN, Kearny, about $50,000.

N. J., North Bergen—H. Goldberg, 314 Angelique St., West Hoboken, to build 2-story brick factory at North Bergen by day labor. About $10,000. Noted Sept. 7.

N. J., Seaside Heights—Barnegat Ice Manufacturing Co. let contract ice-storage house to H. VOIGHT, 1251 North 123d St., Philadelphia, about $15,000.

Penn., Greensburg—Armour & Co. let contract 2-story packing plant to C. W. SHUEY, Greensburg. About $10,000.

Penn., Hazleton—Lewis, Reesel Co. let contract additions to silk mill to HOGG CONSTRUCTION CO., 1634 SANSOM ST., Philadelphia, about $85,000.

Penn., Lebanon—Lebanon Iron and Steel Co. let contract 61x200-ft. rolling mill to J. K. PETTY, Lebanon.

Penn., Philadelphia—Philadelphia Paper Co. let contract addition to paper mill to MONAGHAN & LOSSEE, 3016 Chestnut St., about $12,000.

Penn., Philadelphia—Walker & Davis, machinists, let contract 1-story factory to F. A. HAVENS & CO., 845 North 19th St., about $10,000.

Penn., Pittsburgh—Pennsylvania R.R. let contract 1-story, 25x200-ft. warehouse to W. F. TRIMBLE & SON, 1719 Pennsylvania Ave., N. S. About $16,000. Noted June 15.

Penn., Reading—E. Kirk, 1911 Market St., let contract garage to S. HARDICAN, 1601 Cherry St., about $25,000.

Penn., Scranton—Capouse Warehouse Co. let contract 2-story, 58x104-ft. warehouse to E. S. WILLIAMS, Coal Exchange Bldg. About $18,000.

Penn., Sharon—Fruit Ohl Co. let contract 2-story, 75x106-ft. warehouse to TROUTMAN & CHRISMAN. About $15,000.

Md., Baltimore—Greenwald Packing Co. let contract tank house at Union Abattoir to CONSOLIDATED ENGINEERING CO. About $15,000.

Md., Baltimore—Standard Guano Co. let contract acid plant to CHEMICAL CONSTRUCTION CO., Charlotte, N. C., about $100,000. Noted July 13.

Ga., Americus—Flint River Cotton Mills let contract 3-story addition to V. C. PARKER & SON, about $27,000.

Ala., Birmingham—Linde Air Products Co., 42nd St. Bldg., New York, let contract plant at 10th Ave. and 28th St., to HETTRICK CONSTRUCTION CO., Dallas, about $50,000. Noted July 13.

Tenn., Memphis—Union Ry. let contract coaling plant to ROBERTS & SCHAEFER CO., Chicago.

Ohio, Cleveland—Arco Co. let contract factory to RENAGH CONSTRUCTION CO., 2835 East 51st St., about $11,000. Noted Sept. 28.

Ohio, Cleveland—Chandler Motor Car Co., 131st St. and St. Clair St., let contract brick and concrete building to CROWELL-LUNDOFF-LITTLE CO., 1951 East 57th St. About $175,000. Noted July 20.

Ohio, Cleveland—Peerless Motor Car Co., Quincy Ave. and East 93rd St., let contract plant to MASTERS & MULLEN CONSTRUCTION CO., 601 Electric Bldg. About $125,000. Noted Sept. 28.

Ohio, Cleveland—Sanitary Tinning Co. let contract 1- and 2-story factory at East 92d St. and Way Ave. to G. MURTON & SONS, 8802 Force Ave., about $50,000. Noted Sept. 7.

Ohio, Newark—P. Vogelmeier, 126 East Main St., let contract 3-story, 50x120-ft. storage building to MERCER BROS., 28 South 2d St. About $12,000.

Ind., Indianapolis—Metal Auto Parts Co. let contract 1-story plant to W. H. ISGRIGG & SON, 116 South Franklin St., Greensburg.

Mich., Grand Rapids—Grand Rapids Blow Pipe and Dust Arrester Co. let contract 2-story, 50x200-ft. factory to J. E. GULLIFORD CO., 430 Henry Ave., S. E. Noted May 11.

Mich., Muskegon—Campbell Manufacturing and Foundry Co. let contract factory on Western Ave. to INDIANA BRIDGE CO., Macedonia Ave. and East 12th St., Muncie, about $25,000. Noted Sept. 28.

Ill., Chicago—Columbia Mills Co. let contract 2-story concrete factory on 121st St. to PLEAS CONCRETE CONSTRUCTION CO., 30 North La Salle St. About $21,300.

Ill., Chicago—R. H. Comey Co., 2440 Washburn Ave., let general contract 3-story factory to A. E. BJORKE, 3804 Forest Ave., about $10,000.

Ill., Chicago—Mrs. E. Oliver let contract altering factory to W. J. ANGUS, 3127 Shields Ave., about $10,000.

Ill., Chicago—A. Stein & Co., 1149 West Congress St., let general contract 5-story addition to factory to BULLEY & ANDREWS, 25 North Dearborn St., about $70,000.

Ill., Chicago—Thomas Elevator Co. let contract storage building to A. G. LUND, 19 South La Salle St. About $10,000.

Ill., Dupo—St. Louis, Iron Mountain & Southern Ry. let contract coaling plant to ROBERTS & SCHAEFER CO., Chicago.

Ill., Marion—Valier & Spies Milling Co., 913 Pierce Bldg., St. Louis, Mo., let contract warehouse to PRIDE BROS., 804 North Monroe St., Marion.

Wis., La Crosse—D. S. Law, 5th and State St., let contract garage and office building to E. R. SCHWALBE & SONS, 1524 Madison St., about $30,000.

Iowa, Ames—Abattoir—State College of Agriculture and Mechanic Arts will build by day labor. About $50,000. Noted July 13.

Iowa, Cedar Falls—Wagner Manufacturing Co., 122 West 1st St., let contract 3-story, 30x73-ft. warehouse to G. L. SMITH, 1115 South St., Waterloo. Noted Sept. 14.

Iowa, Davenport—M. L. Iles and W. R. Weir let contract garage to J. E. NEBERGALL, about $25,000.

Minn., Minneapolis—L. H. Fawkes, 1625 Hennepin Ave., let contract auto salesroom to J. L. ROBINSON, 511 South 7th St., about $55,000.

Mo., Mexico—A. P. Green Fire Brick Co. will build additions to plant by day labor. About $20,000. Noted Mar. 2.

Mo., St. Louis—Paris Medicine Co. let contract 3-story factory to J. H. BRIGHT, 706 Chestnut St., about $35,000.

Tex., Ft. Worth—Ft. Worth Elevators Co. let contract addition to grain elevator to SOUTHWESTERN ENGINEERING CO., Springfield, Mo., about $85,000. Noted Mar. 9.

Tex., Hereford—E. W. Harrison let contract grain elevator to WHITE STAR CO., Wichita, Kan., about $10,000.

Idaho, Cottonwood—Cottonwood Milling and Elevator Co. let contract mill and grain elevator to BURRELL ENGINEERING AND CONSTRUCTION CO., 323 South La Salle St., Chicago. About $25,000. Noted Aug. 17.

Idaho, Shelley—Utah-Idaho Sugar Co. let contract factory to DYER CONSTRUCTION CO., Cleveland.

Nev., East Ely—Nevada Northern Railway Co. let contract coaling plant to ROBERTS & SCHAEFER CO., Chicago.

Wash., Waterville—Waterville Auto Co. let contract 1-story garage to GEORGE GROSHOFF, 1604 Main Ave., Spokane, about $30,000.

Que., Westmount—Arena Co., 4095 St. Catharine St., W., let contract ice-storage plant to W. M. IRVING, 26 Stanley St., Montreal, and FRICK ICE REFRIGERATING CO., 357 St. Catherine St. About $50,000.

Ont., Ft. William—Canada Starch Co., 164 St. James St., Montreal, let contract rein.-con. factory at Ft. William to THUNDER BAY CONSTRUCTION CO., Whalen Bldg., Port Arthur. About $60,000.

Ont., Hamilton—Dominion Steel Castings Co., Depew St., let contract to MACKAY & PAULIN, Bank of Hamilton Bldg., about $75,000.

Ont., Merritton—Lincoln Paper Mills let contract brick and concrete addition to PURDY, HENDERSON & CO., 1608 Danforth Ave., Toronto. About $200,000. Noted Aug. 24.

Ont., Toronto—R. Simpson Co. let contract rein.-con. factory to WELLS BROS., 96 Gould St. About $100,000.

FEDERAL GOVERNMENT WORK

Proposed Work

Mass., Chelsea—Seawall—Bureau of Yards and Docks, Navy Dept., Washington, making plans about $14,700. F. R. Harris, Ch.

R. I., Newport—Sea Wall—Bureau of Yards and Docks, Navy Dept., Washington, D. C., making plans, Naval Torpedo Station. About $35,000 available. F. R. Harris, Ch.

Conn., New London—Dredging—U. S. Engineer Office, New London, receiving bids Oct. 26, Pawtucket River, R. I., and Conn. (See adv.)

Conn., Rockville—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Nov. 21.

Penn., Media—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Nov. 14.

Penn., Philadelphia—Dredging, Etc.—U. S. Engr. Office, Philadelphia, receiving bids Nov. 9 for dredging and rock excavation in Delaware River, Philadelphia Harbor. (See adv.)

D. C., Washington—Battle Cruisers—Navy Dept. receiving bids Dec. 6 for 4 battle cruisers. W. S. Benson, Act. Secy. Navy. (See adv.)

D. C., Washington—Bridge—Dist. Comrs. receiving bids Nov. 2 for 7 span steel plate girder highway bridge on Banning Rd. over Philadelphia, Baltimore & Washington and Baltimore & Ohio Railroad Co. O. P. Newman, Comr. (See adv.)

D. C., Washington—Grading Streets—Dist. Comrs. receiving bids Oct. 24 for grading certain streets, about 107,000 cu.yd. O. P. Newman, Comr. (See adv.)

D. C., Washington—Inspection of Materials and Machinery—U. S. Rec. Ser. receiving bids Oct. 30 for inspection of materials and machinery for a period of 3 years A. P. Davis, Ch. Engr. (See adv.)

Federal Government Work (Continued)

D. C., Washington—Wall—Bd. Comrs., Room 509 Dist. Bldg., receiving bids Oct. 31 for portion of wall on Canal Rd., between Aqueduct Bridge and Foundry Branch. (See adv.)

W. Va., Wheeling—Lock Gates—U. S. Engr. Office, Wheeling, receiving bids Oct. 30 for lock gates at Dam No. 22, Ohio River. (See adv.)

Va., Norfolk—Buildings—Bureau of Yards and Docks, Navy Dept., Washington, making plans for student officers' quarters, Navy Yard. Appropriation of $20,000 made. F. R. Harris, Ch.

Fla., Key West—Buildings—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Oct. 28 radio buildings, masts, sewer, water and lighting systems. F. R. Harris, Ch. Noted Aug. 17.

Ky., Louisville—Lock Gates—U. S. Engineer Office receiving bids Nov. 6 for upper and lower mitering lock gates for Lock No. 41, Ohio River. (See adv.)

Ohio, Columbus—Post Office—Treasury Dept., Office Act. Supery. Arch., making plans. About $750,000. J. A. Wetmore, Washington, Act. Supery. Arch. Noted June 15.

Mo., St. Louis—Levee Work—Mississippi River Comn., 1311 International Life Bldg., receiving bids Oct. 30 about 40,000 cu.yd. earth work in East Side Levee and Sanitary Dist., Ill.

Wash., Wenatchee—Post Office—J. A. Wetmore, Act. Supery. Arch., Treasury Dept., Washington, D. C., receiving bids Nov. 10. (See adv.)

Calif., San Diego—Crane—Bureau of Yards and Docks, Navy Dept., Washington, making plans, about $10,000. F. R. Harris, Ch.

Calif., Tiburon—Dredging—Bureau of Yards and Docks, Navy Dept., Washington, making plans, about $12,000. F. R. Harris, Ch.

Bids In and Contracts Awarded

Maine, Skowhegan—Post Office—Bids received Oct. 6 (a) limestone, (b) sandstone, from W. H. Fissell & Co., New York, (a) $57,650, (b) $58,650; Forglone & Romano Co., Portland, Maine, (a) $62,000. Noted Sept. 7.

N. H., Berlin—Post Office—Low bidders, (a) limestone, (b) sandstone, were: Newport Engineering and Contracting Co., Newport News, R. I., (a) $67,000; W. H. Fissell & Co., New York, (a) $69,000, (b) $70,500; J. Miles & Son Co., Worcester, (a) $69,700, (b) $70,900. Noted Sept. 7.

Mass., Buzzards Bay—Removal of Wreck—Bids received Oct. 2 for removal of wreck "Yankee" in Buzzards Bay from Merritt & Chapman Derrick and Wrecking Co., 17 Battery Pl., New York, $11,890; E. Boehm, 23 North Florida Ave., Atlantic City, $24,872; C. W. Johnston, Lewes, Del., $26,500. Noted Sept. 7.

Mass., Ft. Warren—Road—Quartermaster, Ft. Warren, rejected bids received Sept. 21. Noted Sept. 7.

Conn., New London—Dredging—Contract dredging Duck Island Harbor let to J. S. PACKARD DREDGING CO., Providence, $36,960. Noted Oct. 5.

Penn., Philadelphia—Steel, etc.—U. S. Marine Corps, Quartermaster's Dept., Depot of Supplies, 1100 South Broad St., let contract to R. M. BAILEY CO., Commercial Trust Bldg., at 3.6c. for 62,900 lb. steel and 3.7c. for 1,000 lb. Noted Aug. 24.

D. C., Washington—Steel Fence—Low bidders steel fencing and gates for St. Elizabeth's Hospital (a) 5,630 lin.ft. fencing with channel iron rails; (b) 5,630 lin.ft. fencing with angle-iron rails; (c) 4 double gates and 7 single gates, were: F. S. Gichner, Washington, (a) $11,000; Stewart Iron Works, Cincinnati, (b) $9,852; C. A. Snyder's Sons, Washington, (c) $343. Noted Sept. 21.

Va., Arlington—Road Work—Bids received for repairing roadway east of Arlington National Cemetery from L. M. Johnston, Arlington, and R. E. Bolseau.

Va., Norfolk—Structural Shop—Bureau of Yards and Docks let contract to G. E. WYNE, Munsey Bldg., Washington, about $651,643. Noted Sept. 28.

Va., Rosslyn—Crane—Dept. Agriculture received bids electric carrying crane in building at Arlington Farm near Rosslyn from Whiting Foundry Equipment Co., Harvey, Ill., $6,575; Manning, Maxwell & Moore, New York City, $7,531; S. T. Williams, Baltimore, Md., $7,559. Noted Sept. 14.

Va., Warrenton—Post Office—Contract let to R. V. RICHARDSON, Hampton, $43,276. Noted Sept. 28.

W. Va., Huntington—Post Office—Low bidders were: J. Devault, Canton, Ohio, $155,000; R. P. Farnsworth, Owensboro, Ky., $161,390; V. E. Taylor, Huntington, $156,500. Noted Aug. 31.

S. C., Charleston—Dredging—Bureau of Yards and Docks, Navy Dept., Washington, received low bids, Oct. 7, Cooper River, from L. T. Gaylord, New York, $12.97 cu.yd.; R. A. Perry, Oakland, Calif., $13.44 cu.yd.; P. Sanford Ross, Jersey City, N. J., $13.47 cu.yd. Noted Sept. 14.

Miss., Greenville—Levee Work—Mississippi River Comn. let contracts to R. L. LEONARD and BOND, BURT & McMURRAY.

La., New Orleans—Rock—Contract 52,000 tons rock let to L. F. ALEXANDER, New Orleans, about $36,650. Noted Oct. 5.

Ohio, Ashland—Post Office—Contract let to WESTCHESTER ENGINEERING CO., White Plains, about $91,230. Noted Sept. 7.

Ill., Chicago—Timber Crib Breakwater—Contract let to GREAT LAKES DREDGE AND DOCK CO., Chicago, $53,861. Noted Sept. 7.

Ill., East St. Louis—Levee Work—Contract East Side Levee and Sanitary Dist. let to WILLS & SONS, St. Louis, about $200,000.

Mont., Malta—Reclamation—Bids received Sept. 27 for structures on Milk River Project from Booth & Knipe, Saco, $28,384, and C. M. McCaughn, Malta, $31,017. Noted Aug. 31.

Colo., Denver—Mail Handling Devices—Bids received Oct. 2, post office at Denver, from A. Ferguson Co., Cincinnati, $7,700; Lamson Co., Boston, Mass., $8,448; Standard Store Service Co., Plantsville, Conn., $11,222. Noted Aug. 17.

Calif., Willows—Post Office—Bids received Oct. 2 from Welsh Bros. & Hannaman, Kalispell, Mont., $77,987; Caldwell & Son, San Francisco, $72,790; Campbell Building Co., Salt Lake City, $72,500. Noted Aug. 24.

CANALS, DITCHES AND IRRIGATION

Proposed Work

Penn., Philadelphia—Dredging—City made plans to dredge creeks in 40th ward. E. Albright, City Engr.

Ky., Hawesville—Ditch—Bd. Drainage Comrs. receives bids about Nov. 27 for Big Blackford Drainage Ditch.

Ind., Columbia City—Ditch—Whitley County receiving bids Oct. 18 for Francis Guy et al. Ditch. J. E. Plummer, Comr. of Constr.

Ind., Columbia City—(Official)—Ditch—Whitley County receiving bids Oct. 18 for draining John Eve et al and Corwin M. Marrs et al ditches. J. E. Plummer, Columbia City, Supt. Constr.

Ill., Arlington Heights—Drainage—Palestine Drainage Dist. receives bids about Nov. 1, about $75,000. Ewing & Allen, 111 West Monroe St., Chicago, Engr.

Wis., Oshkosh—Drainage—Winnebago County plans to improve Waukau Drainage Dist. About $34,000. Address County Clk., Oshkosh.

Wis., Racine—Drainage—Hoods Creek Drainage Dist. making preliminary surveys for draining about 14 acres. P. J. Hurtgen, Burlington, Engr.

Minn., Duluth—Drainage—Ditch—St. Louis County soon receives bids for County Ditch No. 6. Address County Engr., Duluth. Noted June 22.

Minn., Mankato—Drainage—City plans to drain Swan Lake. About $40,000.

Kan., Kansas City—Drainage—Kaw Valley Drainage Bd. rejected bids received Sept. 25 for 6,650 ft. levee work requiring about 43,000 cu.yd. embankment. New bids will be received. P. J. Broll, 719 Osage Ave., Secy. Noted Sept. 21.

Kan., Westmoreland—Channel—Bd. Dir. of Bellevue Drainage Dist. receiving bids Oct. 14 for changing channel of Vermillion River and 2 tributaries. F. G. Hooper, Secy. Bd. Dir. Noted Jan. 27.

S. D., Sioux Falls—Ditch—Minnehaha County soon receives bids for drainage ditch. About $30,000.

N. D., Verona—La Moure County plans drainage system in Verona, about $20,000. F. Bass, 244 Plymouth Bldg., Minneapolis, Minn., Engr.

Okla., Sallisaw—Drainage—Sequohyah County Drainage Dist. No. 1 made plans for canal, 12 mi. Winters & Dove, Ft. Smith, Arch., Engr. Noted June 22.

Wash., Raymond—Dredging—City estimates cost of dredging river channel at $134,330. A. Henry, City Engr.

Ore., Salem—Irrigation—Ochoco Irrigation Dist. soon votes on $1,000,000 for irrigating, 23,400 acres. R. W. Rea, Ch. Engr.

Calif., Oakdale—Widening Canals—Bd. Dir. Oakdale Irrigation Dist. soon receives bids for widening canals at Two-Mile Bar. About $10,000.

Calif., Susanville—Irrigation—Lassen County plans 2 irrigation districts, one near Janesville, comprising 7,000 acres and other in Long Valley, 35,000 acres.

Bids In and Contracts Awarded

Tenn., Alamo—Drainage—Contract drainage system in Crockett County let to N. C. McGINNIS & CO., Memphis.

Ohio, Bucyrus—Ditch—Crawford County let contract open ditch and retaining wall, Chatfield Township, to BAUM & ANKENY, Sycamore.

Iowa, Clarion—Drainage—Contract Joint Drain No. 5-129, Wright County let to BELMOND CEMENT CO., $29,674 for tile and to HAKE & LOBDELL, Belmond, $10,989 for labor.

Iowa, Mason City—Ditch—Contract Drainage Ditch No. 48 let to LOFTUS OBY, Mason City, $6,038 for labor and to NATURAL CLAY WORKS, Mason City, $9,440.

Iowa, Nevada—Ditch—Contract Drain No. 70 let to C. HAUGSTED, Germania, $18,220.

Iowa, Onawa—Drainage—Monona County let contract $790,000 cu.yd. excavation in Soldier River Drainage Ditch to S. O. BRIGGS CO., Omaha, Neb., 67,880. Noted May 25.

Iowa, Sioux City—Ditch—Woodbury County let contract Farmers' Ditch, Drainage Dist. No. 1 to H. B. WHITNEY, Emmetsburg. Noted Aug. 24.

Minn., Madison—Ditch—Contract County Ditch No. 32 let to L. G. LARSON, Dawson, $5,200.

Minn., Mankato—Ditch—Blue Earth County let contract Ditch No. 9 to NORTH STAR CONCRETE CO., Mankato, $12,800. Noted Dec. 30.

Minn., Mankato—Ditch—Blue Earth County let contract Ditch No. 46 to A. HENDRICKSON, Askor, $7,240.

Minn., Slayton—Ditch—Contract Judicial Ditch No. 18 let to TRACY CONSTRUCTION CO., Tracy.

N. D., Lisbon—Ditch—Ransom County let contract to O. LARSON, Milnor.

Ark., Marion—Drainage—Comrs. Drainage Dist. No. 8 let contract 1,000,000 yd. dipper dredge work, 350,000 yd. dragline and 40 mi. ditches to CANAL CONSTRUCTION CO., Exchange Bldg., Memphis, Tenn., $113,000. Noted Sept. 14.

Tex., Anahuac—Irrigation Improvements—Bd. Dir. Trinity Irrigation Dist. receiving bids Oct. 16 for repairing bulkhead across Smith Bay, locks, dams, etc. T. S. Ellis, Secy. Noted Jan. 20.

Utah, Corinne—Drainage—Contract Corinne Drainage Dist. in Box Elder Co. let to CORINNE CONCRETE TILE CO., Corinne. About $175,000 now available for work. W. M. Bostaph, Salt Lake City, Engr.

Calif., College City—Drainage—Contracts drainage work in Dist. 108 let to W. T. WILKINS & SON, College City, A. KALLSBECK and T. WOODWARD, Knights Landing.

Calif., Grimes—Reclamation—Contract reclamation work along waterfront let to J. M. and J. W. PEART, College City. About $6,000.

Calif., Santa Ana—(Official)—Drainage—Newport Protection Dist. and Talbert Drainage Dist. will build drainage ditch, 4 mi., by day labor. S. H. Finley, Engr. Noted Sept. 21.

MISCELLANEOUS

Proposed Work

R. I., East Providence—Wharf—Philadelphia Paper Mills plans addition.

Conn., Litchfield—(Official)—Tunnel—Wanted to sublet about 1,500 ft. of rock tunnel. Address W. T. Ryan Construction Co., 129 Barker St., Hartford, Conn. (See adv. Oct. 5 issue.)

N. Y., Farmingdale—(Official)—Farm Buildings—W. W. Mills, Secy. Bd. Trustees, State School of Agriculture, receiving bids Oct. 18 for chicken and hog houses at Farmingdale. (See adv.)

N. Y., New York—(Bronx)—Filling—Park Bd., Municipal Bldg., Manhattan, receiving bids Oct. 19 for filling swamp lands, southerly portion Van Cortlandt Park. Noted Sept. 14.

N. Y., New York—(Boroughs of Bronx and Queens)—Signal Towers—Pub. Ser. Comn. for First Dist., 120 Broadway, Manhattan, receiving bids Oct. 23 for 13 signal towers on River Rd. Ave. and Jerome Ave. extension of Seventh Ave.-Lexington Ave. line, White Plains Rd. line and Queensboro Subway.

N. Y., New York—(Brooklyn)—Playground—Borough plans, Montrose, Johnson and Union Ave. and Lorimer St. L. H. Pounds, Borough Pres. G. W. Tillson, Consult. Engr. Bd. Pub. Wks.

N. Y., New York—(Manhattan)—Coal Railway—Dept. Pub. Charities, 10th floor, Municipal Bldg., receiving bids Oct. 17 for automatic coal railway and trestle at power house, Metropolitan Hospital, Blackwells Island.

N. Y., New York—(Manhattan)—(Official)—State Arsenal Improvements—Armory Bd., 158 State St., Albany, receiving bids Oct. 17 for relocation of metal fence and construction of concrete sidewalks in place of flagging at State Arsenal, 7th Ave. F. W. Ward, Albany, Secy. Bd. (See adv.)

N. Y., New York—(Queens)—Mausoleum—Estate of H. Heide, 84 Vandam St., Manhattan, plans, Calvary Cemetery, about $20,000. Maynicke & Franke, 25 East 26th St., Manhattan, Arch., soon receive bids.

N. Y., New York—(Queens)—Park H. Adams, Jr. F. J. Heaney and T. J. McBride plan park in Edgemere section of Long Island.

N. Y., Syracuse—Park and Playground Improvements—Park Comn. asked Mayor for $142,000 bond issue.

N. J., Bayonne—Terminal—City Com. submitted plans to Bd. Commerce and Navigation for terminal which includes (a) wharf and reclamation of 228 acres, about $3,000,000, (b) dock and reclamation of 258 acres, about $6,867,000, (c) additional wharf and dock and reclamation of 287 acres, about $8,300,000. W. L. Clarkson, City Engr.

N. J., Longport—Seawall—City soon receives bids, concrete, 1 mi. long, about $275,000. A. Gilmore, Clk. Case Construction Protection Corp., 1170 Broadway, New York, Engr. Noted Sept. 7.

N. J., Moorestown—Fire House—Moorestown Hose Co. No. 1 making plans, 2-story. About $7,000.

Penn., Coatesville—Fire House—West End Fire Co. made plans, 2-story. Kerns & Carroll, Arch. Noted Aug. 10.

Penn., Erie—Dock—Pennsylvania R.R. plans. About $200,000. A. C. Shand, Broad St. Station, Philadelphia, Ch. Engr.

Penn., Oil City—Elimination of Grade Crossing—Pennsylvania R.R., Allegheny Division, plans to eliminate grade crossing at Oil City. Election

Miscellaneous (Continued)

soon to be held to vote on $2,000,000 bonds. A. C. Shand, Broad St. Station, Philadelphia, Ch. Engr.

Penn., Philadelphia—Market—Wilson & Co. making preliminary plans, 837 Callowhill St. About $30,000. C. T. Barnett, Arch.

Penn., Philadelphia—(Official)—Subway—Dept. City Transit receiving bids Nov. 2 for section of Broad St. Subway, Contract No. 102. W. S. Twining, Dir. (See adv.)

Penn., South Fork—Tunnel—Rockville Coal and Lime Co. granted permission for tunnel under Lake St.

Ohio, Akron—Amusement Park—Summit Beach Park Co. plans, Summit Lake. J. A. Rampanelli, interested.

Ohio, Cleveland—Elimination Grade Crossing—City will issue $600,000 bonds for share of Pennsylvania Lines West of Pittsburgh grade elimination between Cedar and Holton St. R. Hoffman, City Engr. T. Rodd, Pennsylvania Station, Pittsburgh, Ch. Engr., Pennsylvania Lines West of Pittsburgh. Noted July 13.

Ohio, Cleveland—Fire Station—City plans, Carnegie Ave. J. E. Granger, Fire Chief.

Ohio, Cleveland—Park Improvements—Park Comrs. plan, Gordon Park.

Ohio, Columbus—Comfort Stations—State Bd. of Pub. Bldgs. receiving bids Oct. 17 for 2 comfort stations. F. W. Elliott, Chamber of Commerce Bldg., Arch.

Ohio, Greenville—Mausoleum—Ohio Mausoleum Co., Gallon, soon receives bids, about $15,000.

Ohio, Massillon—Retaining Wall—City plans, North Mill St. from Lake St. to corporation lines.

Ohio, Norwalk—Retaining Wall—Bd. Comrs. Huron County receiving bids Oct. 17 for retaining wall on Old State Rd. No. 52. C. E. Bloomer, Clk. Bd. County Comrs.

Ohio, Warren—Straightening and Dredging River—City plans, Mahoning River. About $20,000. H. S. McKibben, City Engr.

Ind., Gary—Fire Station—City plans, Buchannan St. W. Grant, Ch. Fire Dept.

Ind., Lakeside—(Pulaski post office)—Retaining Wall—City plans, from north line of Lake Ave. to Columbia St. bridge.

Ill., Cherry Valley—Dam—City plans, Kishwaukee River. A. R. Carter, Supt. of Highways.

Ill., Chicago—Platform—Northwestern Elevated R.R., plans, 4526 Broadway. About $30,000. C. M. Mock, 1247 Edison Bldg., Chicago, Ch. Engr. A. Y. Gerber, Arch.

Ill., Mooseheart—Fire House—Loyal Order of Moose making plans, about $8,500. M. P. Adams, Gen. Supt.

Wis., Milwaukee—Market—City plans. About $68,000. G. Stall, City Engr.

Wis., Portage—Subways—Chicago, Milwaukee & St. Paul Ry. made plans for 2 subways at Cass and Adams St., about $48,000. C. F. Loweth, Railway Exchange Bldg., Chicago, Ch. Engr.

Wis., Ridgeway—Subway—Chicago & Northwestern Railway Co., town of Ridgeway and Brigham, plans subway and highway approaches at highway crossing near town lines. W. H. Finley, Jackson Blvd. and Franklin St., Chicago, Ch. Engr.

Kan., Humboldt—Pipe Line—Prairie Oil and Gas Co. plans, from Humboldt to St. Louis.

Neb., Douglas—Subway—Union Pacific R.R. plans, Sarpy Crossing. R. L. Huntley, 15th and Dodge St., Omaha, Ch. Engr.

Mo., Bigelow—Levee Work—G. Pointer, Secy. of Big Tarkio Drainage Dist., soon receives bids for concrete floodgate and back pressure wall and 2½ mi. levee work along Tarkio River. Leslie-Barnes Engineering Co., Engr.

Tex., Dallas—Levee—Dallas County Levee Improvement Dist. No. 1 plans 10 mi. levee along Trinity River and Cottonwood Creek.

Tex., Ft. Worth—Elimination Grade Crossing—Texas & Pacific Ry. made plans, Main St. C. H. Chamberlain, Dallas, Ch. Engr. Noted June 1.

Tex., Houston—Fire Station—Houston Heights Fire Dept. plans. M. L. O. Andrews, Fire Comr.

Tex., Orange—(Official)—Wharf and Bulkhead—City receiving bids Oct. 20. E. U. Henry, City Engr. (See adv. Oct. 5 issue.)

Okla., Ponca City—Park Improvements—Park Bd. making plans. A. Johnson, Pres. A. H. Helder, Reliance Bldg., Kansas City, Mo., Arch.

Calif., Newport Beach—Beach Protection and Jetty Work—City voted $1,000,000 bonds. I. B. Funk, 514 Central Bldg., Los Angeles, Engr. Noted Jan. 20.

Bids In and Contracts Awarded

Maine, Bath—Elimination of Grade Crossing—Maine Central R.R. let contract excavation and grading for elimination of grade crossings to LATHROP & SHEA, 185 Church St., New Haven, about $18,000. Noted Dec. 30.

Maine, Lewiston—Retaining Wall—Maine Central R.R. let contract to F. W. CUNNINGHAM & SON, 430 Congress St., Portland.

Mass., Boston—(South Boston)—Fire Station—Bids received, Dorchester Ave., from Crowley & Hickey, 1140 Columbus Ave., Boston, $31,198; D. R. McKillop & Co., 137 West Brookline St., Boston, $31,871; Archdeacon & Sullivan, 5 East Concord St., Boston, $32,149. Noted May 11.

Mass., Salem—Crematory—Harmony Grove Cemetery let contract, 1-story, to E. A. ABBOTT, 185 Devonshire St., Boston. About $6,000.

Mass., Salem—Retaining Wall—City let contract, Congress St., to J. J. WELCH & CO., Salem.

Conn., South Manchester—Fire House—South Manchester Fire Dept. let contract fire house for Hose and Ladder Co. No. 4 to C. E. TRUAX. Noted Aug. 31.

N. Y., Cranberry Lake—Dam—Cranberry Lake Comn. let contract to W. BRADLEY, Fulton, about $23,347.

N. Y., Kings Park—(Official)—Refrigerating Machine—H. W. Johns-Manville Co., Madison Ave. and 41st St., at $6,376, only bidder, Kings Park State Hospital. Noted Sept. 28.

N. Y., New York—(Bronx)—(Official)—Yard—Contract 239th St. yard of Route 18 part of White Plains Rapid Transit R.R. let to T. J. BUCKLEY CONSTRUCTION CO., $372,893. Noted Oct. 5.

N. Y., New York—(Manhattan)—Station Finish—Low bidders station finish for 6 stations on Rapid Transit Railroads now being constructed under Dual System were: L. Wechsler, 133 Broadway, $383,000; Seventh Ave. Construction Co., Inc., 277 Broadway, $390,936; D. C. Sorber, 1123 Broadway, New York, $401,702. These are unofficial totals. Noted Sept. 21.

Penn., Philadelphia—Playground Improvements—Bd. Recreation received lowest bid, Berks and Blair St. from Mitchell Bros., $44,500.

Penn., Philadelphia—Playground Improvements—Bd. Recreation received lowest bid, 24th and Jackson St., from Mitchell Bros., $47,000. C. E. Albright, City Engr. Noted Sept. 14.

Penn., Philadelphia—Recreation Building and Park Improvements—Bd. Recreation received lowest bids from P. M. Sax, $9,400, and A. Bemis, $9,400. C. E. Albright, City Engr. Noted Aug. 24.

N. C., Dendron—(Old Fort post office)—Tunnel Southern Ry. let contract to CONSOLIDATED ENGINEERING CO. About $250,000.

La., Alexandria—(Official)—Park Improvements—City will improve by own forces. About $30,000. I. W. Sylvester, City Engr. Noted July 27.

La., New Orleans—Levees—State Bd. Engrs. received bids from G. W. Gary Contracting Co., Hope Estate Levee, 3,200 cu.yd., 25c. per cu.yd., Cottage Levee, 5,300 cu.yd., 20c., Conrad Point Levee, 7,900 cu.yd., 20c., Martinez Levee, 1,000 cu.yd., 25c.; F. L. Rhodes, Plaquemine Point Levee, 28c., Mt. Olive Levee, 4,800 cu.yd., 28c.

Ky., Hickman—Levee—City let contract to DIXIE CONSTRUCTION CO., Nashville, Tenn.

Ind., Indianapolis—Flood Prevention—City received bids for flood prevention work on Fall Creek from American Construction Co., $113,000 for mass concrete and $114,100 for rein.-con.; Hackedorn Construction Co., $152,776 for mass concrete and $144,979 for rein.-con. B. J. T. Jeup, City Engr. Noted Sept. 7.

Ind., Shelbyville—Fire Station—City let contract Central Fire Station to J. NELOY, about $12,000. Noted July 13.

Wis., Milwaukee—(Official)—Dock—Dept. Pub. Wks. let contract to E. E. GILLEN CO., 1158 Wells Bldg., about $26,352. Noted Sept. 28.

S. D., Sioux Falls—Fire Station—City let contract to COLLINS BROS., Rock Island.

Mo., Caruthersville—Retaining Wall—City let contract, 2,000-ft., to PIERCE-POWERS CONSTRUCTION CO., Caruthersville, $6.75 per cu.ft.

Mo., St. Louis—Dock—Low bids received Sept. 29 for North Market Street Municipal Dock from Heman Construction Co., 187,250; List & Gifford Construction Co., $238,887; J. E. Lane & Co., $308,103. S. W. Boen, City Engr. Noted Apr. 6.

Tex., Houston—Wharves—City let contract Wharves Nos. 2 and 3 to HORTON & HORTON, $189,224. Noted Sept. 21.

Ore., Astoria—Coal Handling Crane—Port of Astoria let contract to ZIMMERMAN-WELLS-BROWN CO., Portland, $17,847.

BUILDINGS

Proposed Work

Other items relative to Building Construction will be found under the following headings: "Industrial Works," "Federal Government Work" and "Miscellaneous."

Mass., Swansea—High School—City making plans. About $50,000. H. Vaughn, 20 Pemberton Sq., Boston, Arch.

Conn., Wethersfield—School—City voted $50,000 bonds. Unkelbach & Perry, New Britain Arch., made preliminary plans.

N. Y., Buffalo—Convent—Polish Franciscar Sisters plan, Clinton St.

N. Y., Cohoes—High School—Bd. Education receiving bids Oct. 18, 125x110-ft. Noted Oct. 5.

N. Y., West Haverstraw—(Official)—Hospital—New York State Hospital for Crippled and Deformed Children, West Haverstraw, receiving bids Oct. 27. George Blagden, Pres. Bd. Mgrs. (See adv.)

N. J., Arlington—Church—First Baptist Congregation made plans. About $50,000.

N. J., Clinton—Hospital—State plans. About $100,000.

N. J., Hightstown—Peddie Institute made plans for 3-story rein.-con. addition, about $75,000. J. O. Jackson, 1328 Broadway, New York, Arch. Noted July 27.

N. J., Hoboken—School—Bd. Education making plans for 3-story brick School No. 3. About $300,000. Fagan & Briscoe, 95 River St., Hoboken, Arch.

N. J., Ocean City—Hotel and Pier—Headley & Shull, Arch., Guarantee Trust Bldg., Atlantic City, making plans. About $600,000.

Penn., Bellevue—Y. M. C. A. plans building. About $100,000.

Penn., Bethlehem—Theater—Kurtis Bros. plans, 5-story.

Penn., Chester—K. Schwartz making plans for 6-story rein.-con. building. About $300,000.

Penn., Homestead—Temple—Masonic Temple Lodge No. 582, making plans. About $50,000. M. Nirdlinger, Diamond Bank Bldg., Pittsburgh, Arch.

Penn., Jeanette—School—School Bd. plans to issue $175,000 bonds, Gaskill Ave.

Del., Newark—Armory—State Armory Bd. making plans, 2-story, 60x100-ft. Leon & Wilde, Wilmington, Arch.

N. C., Salisbury—Southern Bell Telephone Co., 78 South Pryor St., Atlanta, Ga., plans new building. About $125,000.

Ga., Decatur—Courthouse—DeKalb County Comrs. making plans. About $80,000. Walker & Chase, Candler Bldg., Arch.

Ga., Macon—Union Dry Goods Co. receiving bids about Oct. 15 for 5-story building. P. E. Dennis, Macon, Arch. Noted Apr. 13.

Ga., Macon—Auditorium and Hospital—City making plans. About $200,000. A. Blair, Arch. Noted Aug. 24.

Fla., De Land—School—Bd. Pub. Instruction of Volusia County rejected bids received Sept. 25, Rick and Clara Ave. New bids. About $50,000. F. M. Miller, Arch. Noted Sept. 21.

Fla., Miami—Temple—F. & A. M. A. plans. About $75,000.

Fla., Orlando—Theater—P. Philips plans, Pine St. and Orange Ave. About $50,000.

La., New Orleans—Loyal Order of Moose No. 477 making plans for 3-story building, about $150,000. S. G. Hart, Chn. Bldg. Com. H. J. Mackenzie, Arch.

Tenn., Clarksville—Church—Baptist Congregation making plans. About $66,000.

Ohio, Columbus—Theater—E. F. Albee, Gen. Mgr. Keith's Theaters, plans.

Ohio, Lorain—Hotel—Charles Farrell plans, Broadway and 8th St. About $50,000.

Ohio, Louisville—School—City plans. About $60,000 or $70,000.

Ohio, Weston—(Official)—School—Bd. Education rejected all bids. New plans to be made. Noted Sept. 14.

Ind., Indianapolis—Central Union Telephone Co., making plans for 3-story, 42x90-ft. building. About $45,000. Vonnegut & Bohn, 810 Indiana Trust Bldg., Arch.

Mich., Ypsilanti—Administration Building—Michigan State Normal College receiving bids Oct. 25. Fred L. Keeler, Lansing, Secy. State Bd. Education. Smith, Hinchman & Grylls, Washington Arcade, Detroit, Arch.

Ill., Bone Gap—High and Grade School—City soon receives bids, 2-story. About $50,000. L. H. Osterhage, Second National Bank Bldg., Vincennes, Ind., Arch.

Ill., Champaign—University of Illinois plans 3 buildings. About $600,000.

Ill., Moline—Congregational Church soon receives bids for brick building. About $50,000. Noted Apr. 6.

Ill., Rock Falls—School—Bd. Education plans, 2-story, 140x80-ft., brick. About $50,000. F. J. Scott, Clk. Bd. Education.

Wis., West Allis—High School—School Bd. plans. About $80,000.

Iowa, Cedar Rapids—Y. M. C. A. plans 5-story building. About $165,000.

Iowa, Iowa City—Schools—City receiving bids Oct. 28 for 3 schools, about $85,000, $75,000 and $50,000 respectively. G. L. Lockhart, 120 West Washington St., Arch. Noted Aug. 10.

Iowa, Mt. Pleasant—School—Pleasantlawn Consolidated School Dist., receiving bids Oct. 21. H. W. Underhill & Co., Bryant Bldg., Kansas City, Mo., Arch.

Iowa, Valley Junction—High School—Bd. Education receiving bids Oct. 24, Independent School Dist. A. H. Minnis, Pres. Bd. Education.

Minn., Argyle—B. D. Keck, Arch., Crookston, making plans for industrial and community building. About $43,000.

Kan., Augusta—Hospital—Roman Catholic Congregation plans. About $40,000.

Kan., McPherson—City Hall—City making plans. About $60,000. Margraf & Mampe, 413 Ridge Bldg., Kansas City, Mo., Arch. Noted Aug. 10.

Neb., Norfolk—(Official)—Temple—Masonic Temple Co. rejected bids received Sept. 25, 3-story, 44x102-ft. H. S. Thorpe, Secy. J. E. Stitt, Norfolk, Arch. Noted Sept. 7.

Buildings (Continued)

Neb., Omaha—Hospital Addition—Bd. Trustees Methodist Hospital, 36th and Ciming St., plans. About $70,000.

S. D., Miller—Courthouse and Jail—Hand County votes Nov. 7 on $100,000 bonds. Noted Apr. 13.

Mont., Great Falls—William Roberts plans 3-story, 100x150-ft. building on Central Ave. and 5th St. About $150,000.

Mont., Helena—Hotel—Hugh Daly plans addition to Broadwater Hotel. About $50,000.

Mont., Missoula—High School—City to vote Nov. 7 on $75,000 bonds. Noted July 27.

Mo., Kansas City—Kansas City and Chicago Business Men plan 22-story business and office building at 10th and Walnut St., about $1,500,000. Commerce Trust Bldg., Commerce Bldg., interested. Graham, Burnham & Co., 1447 Railway Exchange Bldg., Chicago, Arch.

Ark., Little Rock—Auditorium—First Presbyterian Church plans, 8th and Scott St. About $75,000. B. W. Green, interested.

Tex., Beaumont—Hotel—Retail Merchants' Association making plans. About $250,000.

Tex., Beaumont—Y. W. C. A. made plans for building. About $65,000.

Tex., Cleburne—Temple—Masonic Lodge making plans, 5-story. Noted July 27.

Tex., Waxahachie—Waxahachie Sanitarium plans brick building. About $50,000.

Okla., Bartlesville—High School—City election Nov. 7 to vote on $100,000 bonds.

Okla., Sand Springs—Station—Sand Springs Railway Co. making plans, 4-story, rein.-con., Main and Archer St., about $150,000. H. T. Morrison Sand Springs, Gen. Mgr.

Okla., Tulsa—Y. W. C. A. plans building. About $150,000.

Colo., Boulder—City Hall—City plans to issue $50,000 bonds.

Colo., Trinidad—School—St. Joseph's Academy made plans. About $75,000. I. H. and W. M. Rapp, Arch.

N. M., Clovis—High School—City plans to issue $50,000 bonds.

Idaho, Soda Springs—Hotel—Soda Springs Hotel and Sanatorium Co. retained Frank Paradice, Pocatello, to make plans, 3-story, 100x160-ft. About $175,000.

Idaho, Twin Falls—City votes Oct. 24 on $40,000 bonds for building. Noted May 11.

Utah, Salt Lake City—Store and Office—Mrs. V. Clift, 447 East 1st South St., making plans, 7-story, 3d South and Main St.

Ariz., Tucson—University of Arizona receiving competitive sketches Dec. 15 for building for College of Mines and Engineering, about $150,000 available. W. J. Bryan, Jr., Secy. Bd. Noted Feb. 17.

Ore., Walla Walla—Hospital—C. E. Montgomery, City Health Officer, one of committee making plans. About $100,000.

Calif., Fresno—Hospital—Fresno County making plans. About $50,000. Coates & Travers, Rowell Bldg., Arch.

Calif., San Francisco—Office—J. A. Hooper plans, 10-story, Mission and 24th St. About $90,000.

Calif., San Francisco—Office—Santa Fe Ry. granted permit, 12-story, Class A, Market and 2nd St. About $175,000. C. F. W. Felt, 5344 Hyde Park Bldg., Chicago, Ill., Ch. Engr.

N. B., St. John—Theater—F. G. Spencer, Charlotte St., making plans, brick and steel. About $100,000. F. Nell Brodie, 42 Princess St., Arch.

N. B., St. John—Hotel—H. E. Green making plans. About $40,000. F. Nell Brodie, 42 Princess St., Arch.

Que., Verdun—Gertrude Ave. College plans addition. About $75,000. J. Benoit, 1,200 Wellington St., Arch.

Ont., Hamilton—Schools—City plans issuing $135,000 bonds. R. H. Foster, Secy. Bd. Education.

Ont., Kemptville—Agriculture School, Provincial Dept. of Agriculture, retained F. R. Heakes, Parliament Bldg., Toronto, to make plans for building. About $150,000.

Bids In and Contracts Awarded

Mass., Amesbury—High School—City let contract 2-story, 125x168-ft., to KENNEDY & PETERSON CO., 7 Water St., Boston. About $109,685. Noted Sept. 14.

Mass., Fall River—Cherry & Webb let contract 4-story, 83x160-ft. brick building on South Main St. to McNALLY CONSTRUCTION CO., INC., Fall River. About $150,000. Noted Sept. 21.

Mass., Lowell—Theater, Store and Office—Strand Realty Co. let contract to A. E. BEAL, 43 Tremont St., Boston. About $150,000. Noted Sept. 7.

N. Y., Lockport—Freight Terminals—New York Central R.R. received low bid from Manion Bros., Rochester, about $52,000.

N. J., Newark—German Hospital, 340 Bank St., let contract addition to E. M. WALDRON & CO. About $50,000.

Penn., Crafton—Bell Telephone Co. let contract building to MILLER CONSTRUCTION CO., 530 Fernando St., Pittsburgh.

Md., Baltimore—Hotel—Southern Hotel Co. let contract, 16-story, 92x148-ft., rein.-con., to LONGACRE CONSTRUCTION CO., Widener Bldg., Philadelphia. About $700,000. Noted Aug. 10.

W. Va., Mullens—Bank and Hotel—Bank of Wyoming County let contract to W. B. MOORE, Princeton. About $50,000. Noted Apr. 13.

W. Va., Parkersburg—Freight Depot—Baltimore & Ohio Railroad Co. let contract, 4th and Avery St., to J. J. WALSH & SONS, 1533 Maryland Ave., Baltimore, Md. About $300,000. Noted June 29.

N. C., Salisbury—Church—First Methodist Church let contract to A. R. LAZENBY, Salisbury. About $50,000. Noted Mar. 9.

Ga., Fitzgerald—School—City let contract to AUSTIN & STONE, Ocilla.

Ohio, Xenia—Gymnasium—Wilberforce University let contract to CULLON & BAUGH, Hamilton. Noted Aug. 24.

Ind., South Bend—School—Bd. Education let contract, Sample St., to E. BURNER & CO. About $127,528. Noted June 8.

Ill., Eureka—Science Hall—Christian College let contract to MENELEY CONSTRUCTION CO., Peoria, $57,995. Noted Aug. 24.

Wis., Prairie du Chien—High School—Bd. Education let contract, 2-story, to ALBERT GUTZKE, Prairie du Chien, $67,053. Noted Sept. 14.

Iowa, Cedar Rapids—(Official)—Church—First Baptist Congregation let contract 2-story, brick and terra cotta, to THEODORE STARK & CO., Cedar Rapids. About $45,000. Noted Sept. 28.

Iowa, Mason City—(Official)—School—Bd. Education let contract, 2-story, brick and rein. con., to H. F. JONES, Cedar Rapids. About $201,100. Noted Sept. 28.

Iowa, Muscatine—(Official)—High School—Bd. Education Independent School Dist., let contract for addition to J. H. HUNZINGER, Burlington, $49,031. Noted Sept. 28.

Iowa, Vinton—High School—Bd. Education rejected bids, about $100,000. Noted Sept. 28.

Minn., Northfield—(Official)—Dormitory—Carlton College let contract to H. N. LEIGHTON CO., 127 South 10th St., Minneapolis. About $150,000. Noted Sept. 28.

Kan., Smith Center—High School—City let contract, 2-story, 78x120-ft., to M. E. BRADY, Manhattan. About $42,000. Noted Aug. 24.

Mo., St. Louis—Bank—Mercantile Trust Co. let contract, 3-story, 127x135-ft., addition, to WESTLAKE CONSTRUCTION CO., 717 Locust St. About $500,000.

Idaho, Rexburg—Hotel—Rexburg Investment Co. let contract to PACIFIC CONSTRUCTION CO., Rexburg. About $65,000. Noted Aug. 10.

Ore., Portland—Hospital—White Shield Home let contract to MUIR & McCLELLAN, about $60,000.

Calif., Visalia—Hotel—J. S. Johnson let contract, 5-story, steel and brick, Main and Church St., to TREWHITT & SHIELDS, Fresno, $107,000. Noted Aug. 24.

Que., Quebec—Hospital—Anti-Tuberculosis League let contract, brick, to J. GOSSELIN, Levis. About $125,000. Noted July 13.

Que., Trois Rivieres—Academy—School Bd. let contract to ANSELME DUBE, 133 Bellefeuille St. About $84,000.

INDUSTRIAL CHANGES IN EUROPE

In an address by Edward N. Hurley, Chn. Federal Trade Comn., before the annual meeting of the Ohio Bankers Association at Columbus, Ohio, he states that "when we think of a continent engulfed in war, devastated and disordered, but I want to say to you that we must correct that conception. While in many respects we know little of what is going on in the warring nations, we do know that within sound of the guns, almost within reach of the falling shells, Europe is reorganizing her industries. Under the stress of a life-and-death struggle every effort is being made to obtain the highest efficiency in the production, the distribution and the use of commodities of all kinds. Conservatism in industrial ideals and methods has been blasted and shattered to pieces in the shock of war, old systems that normally would have hung on for years have been discarded in a day, old equipment that would have been retained for years has been scrapped as fast as possible for new installations of the most advanced types. New processes are being discovered, new inventions are being made, and new forms of organization are being created. Let me illustrate. Industrially, France has been preëminently the land of small-scale, highly individualized production, but she now lacks human hands. In France little farms that for generations have been farmed practically by hand or with the aid of a horse or two, are being thrown together and farmed coöperatively by tractors, gang plows and modern agricultural implements. France must rely on machinery. Her business men are studying and are applying American systems of manufacture in factory construction, in equipment, and in large-scale, highly systematized production.

"England industrially has been preëminently the land of yesterday. Conservatism was the dominant characteristic of British business. While Massachusetts was making textiles with automatic looms under conditions that permitted one operator to tend from 16 to 24 machines, Lancashire clung to old equipment and conditions under which one operator could tend but 4 machines. But at last England is aroused, and today American books on efficiency and scientific management are being bought by the hundred and studied all over England. The war has compelled Great Britain to make thirty years of industrial progress in thirty months.

"Before the war Germany was probably the most highly organized and efficient manufacturing nation in the world, but in Germany organization and efficiency have been still further developed, and, no matter whether victorious or defeated, the Germany that emerges from the war will be years ahead of the Germany we knew in 1914.

"These changes are of great concern to us. We may not realize this today, because things are coming our way now, but we must look ahead to the future conditions we must prepare to meet. Almost before we know it we will find a new Europe competing against us with war-sharpened brains and war-hardened muscles, not only in our foreign markets but also right here at home. If our industries are not to be caught slow of mind and flabby of muscle we must improve our business organization, must increase our manufacturing and merchandizing efficiency and must keep pace with every step in Europe's industrial progress.

"In considering our position after the war, I wish to talk chiefly about what we must do here at home, but I cannot talk to you on this subject without first referring briefly to what we must do in our foreign business. Next to England we have the greatest foreign trade of any nation in the world. Our exports and imports reach billions of dollars in value. Gentlemen, we must keep and expand that great trade. It means the full tide of prosperity for our factories and farms. It means the best comforts and conveniences of modern civilization for the families and homes of this country. But if we are to keep that trade and make it grow as a healthy business should grow, we must have the organization and the facilities needed."

Pennsylvania Distributes $5,400 for Best Care of Track—When General Manager C. C. Long, of the Pennsylvania Railroad, accompanied by some 400 operating officers, arrived in Harrisburg, after completing the first day of his annual track inspection, an aggregate of $5,400 in prizes was awarded to supervisors and their assistants for maintaining their sections of track in the best condition during the past year. The territory covered includes the main line between Pittsburgh and New York, and between Philadelphia and Washington.

The first or "Klondike" prize, amounting to $800 for the supervisor and $400 for the assistant, awarded for maintaining the best section of track throughout the past year, was presented to C. M. Wisman, supervisor, and H. M. Grimm, assistant supervisor, who have charge of the track from east of Liddonfield, Penn., to west of Plainsboro, N. J.

A special "Improvement" prize of $1,000, $700 to the supervisor and $300 to the assistant, for the greatest improvement made in the line and surface of a supervisor's section of track was awarded to J. E. McIntyre, supervisor, and W. W. Portser, assistant supervisor, who have charge of the track from Anderson, Penn., to east of Thompsontown, Penn.

The awards were made upon the basis of frequent inspections during the past year by a special committee appointed for the year.

Labor Unrest Hurts Trade—Unsettled labor conditions and the shortage of workers constitute to a large extent the only cloud upon the business horizon, according to a summary of reports from the twelve Federal districts to the Federal Reserve Board. Business is reported to be good in practically all districts, and in some it is described as most satisfactory and expanding. One disturbing element has been the crop shortage, not only of grains but of cotton. The prices of food products are constantly mounting.

Boston reports unrest in labor and cost of foodstuffs as disturbing elements, as does New York, Philadelphia, Cleveland and Richmond report serious shortage in labor. St. Louis says that increases in wages have not improved labor conditions.

The Kansas City report says: "Railroad shopmen are demanding an eight-hour day, with an increase of 5c. an hour in wages. Twenty-two Western lines and more than 25,000 employees are affected. Included are car repairers, boilmakers, machinists, sheet-metal workers, blacksmiths and electrical workers."

San Francisco reports that general business conditions are good, except in the lumber industry.